

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

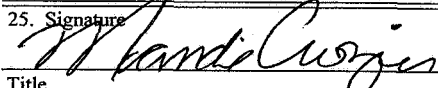
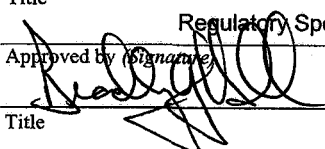
FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-10760
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Pleasant Valley Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Pleasant Valley Federal I-8-9-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43013-33755
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NE 1975' FNL 2002' FEL At proposed prod. zone SW/NE 1321' FNL 1326' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximately 15.9 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 8, T9S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1319' f/lse, 1319' f/unit	16. No. of Acres in lease 280.00	12. County or Parish Duchesne
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1313'	17. Spacing Unit dedicated to this well 20 Acres	13. State UT
19. Proposed Depth 6050'	20. BLM/BIA Bond No. on file UTB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5296' GL	22. Approximate date work will start* 4th Quarter 2007	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 8/16/07
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 08-29-07
Title Officer	ENVIRONMENTAL MANAGER	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

surf

5829637  
44332444  
40. 047247  
- 110.027440

ALL

583165X  
4433446Y  
40. 049047  
- 110.025043

Federal Approval of this  
Action is Necessary

RECEIVED

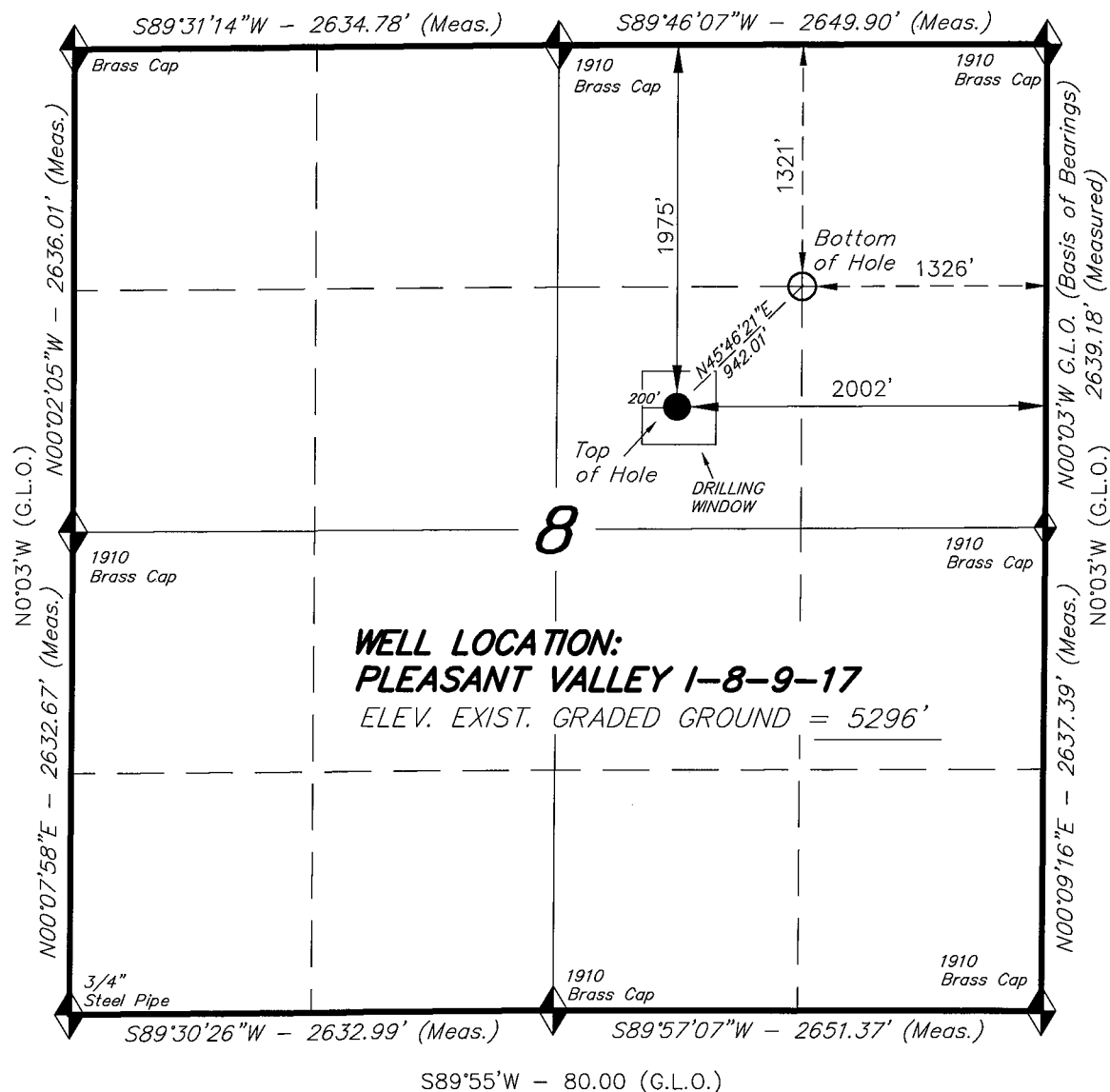
AUG 20 2007

DIV. OF OIL, GAS & MINING

S89°56'W - 80.04 (G.L.O.)

S89°56'W - 80.04 (G.L.O.)

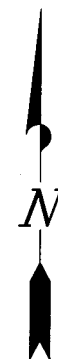
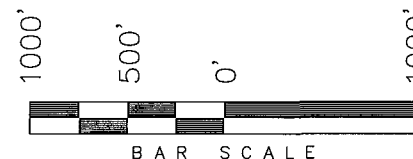
WELL LOCATION, PLEASANT VALLEY  
I-8-9-17, LOCATED AS SHOWN IN THE  
SW 1/4 NE 1/4 OF SECTION 8, T9S,  
R17E, S.L.B.&M. DUCHESNE COUNTY,  
UTAH.



 = SECTION CORNERS LOCATED

BASIS OF ELEV;  
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

PLEASANT VALLEY 1-8-9-17  
(Surface Location) NAD 83  
LATITUDE = 40° 02' 50.09"  
LONGITUDE = 110° 01' 41.37"



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STEWART  
REGISTERED LAND SURVEYOR  
REGISTRATION No. 40237  
STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**  
180 NORTH VERNAL AVE. — VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED:  
05-24-07

SURVEYED BY: K.G.S.

DATE DRAWN:  
06-14-07

DRAWN BY: T.C.J.

REVISSED:

SCALE: 1" = 1000'

**NEWFIELD PRODUCTION COMPANY  
PLEASANT VALLEY FEDERAL #I-8-9-17  
AT SURFACE: SW/NE SECTION 8, T9S, R17E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**DRILLING PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 2035'
Green River	2035'
Wasatch	6050'

**3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 2035' – 6050' - Oil

**4. PROPOSED CASING PROGRAM**

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

**5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

Please refer to the Monument Butte Field SOP. See Exhibit "C".

**6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

**7. AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.

**8. TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

**9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

**10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY  
PLEASANT VALLEY FEDERAL #I-8-9-17  
AT SURFACE: SW/NE SECTION 8, T9S, R17E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Pleasant Valley Federal #I-8-9-17 located in the SW 1/4 NE 1/4 Section 8, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 13.1 miles  $\pm$  to it's junction with an existing dirt road to the southwest; proceed southwesterly - 1.1 miles  $\pm$  to it's junction with an existing road to the northwest; proceed northwesterly - 0.3 miles  $\pm$  to it's junction with the beginning of the access road to the existing Federal 32-8H well location.

**2. PLANNED ACCESS ROAD**

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Federal 32-8H well pad. See attached Topographic Map "B".

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

The proposed well will be drilled directionally off of the Federal 32-8H well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Pleasant Valley I-8-9-17. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

**5. LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District  
Water Right: 43-10136

Neil Moon Pond  
Water Right: 43-11787

Maurice Harvey Pond  
Water Right: 47-1358

Newfield Collector Well  
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Pleasant Valley I-8-9-17 will be drilled off of the existing Federal 32-8H well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

**Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

**Threatened, Endangered, And Other Sensitive Species**

**Mountain Plover:** If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

**Reserve Pit Liner**

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Kochia Low  
Crested Wheatgrass

*Agropyron Cristatum*

6 lbs/acre  
6 lbs/acre

**Details of the On-Site Inspection**

The proposed Pleasant Valley Federal #1-8-9-17 was on-sited on 7/25/07. The following were present; Dave Allred (Newfield Production), Chuck MacDonald (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management).. Weather conditions were clear and ground cover was 100% open.

**13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Dave Allred  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

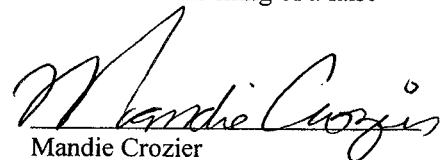
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #I-8-9-17 SW/NE Section 8, Township 9S, Range 17E: Lease UTU-10760 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/16/07

Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

## 2-M SYSTEM

Blowout Prevention Equipment Systems

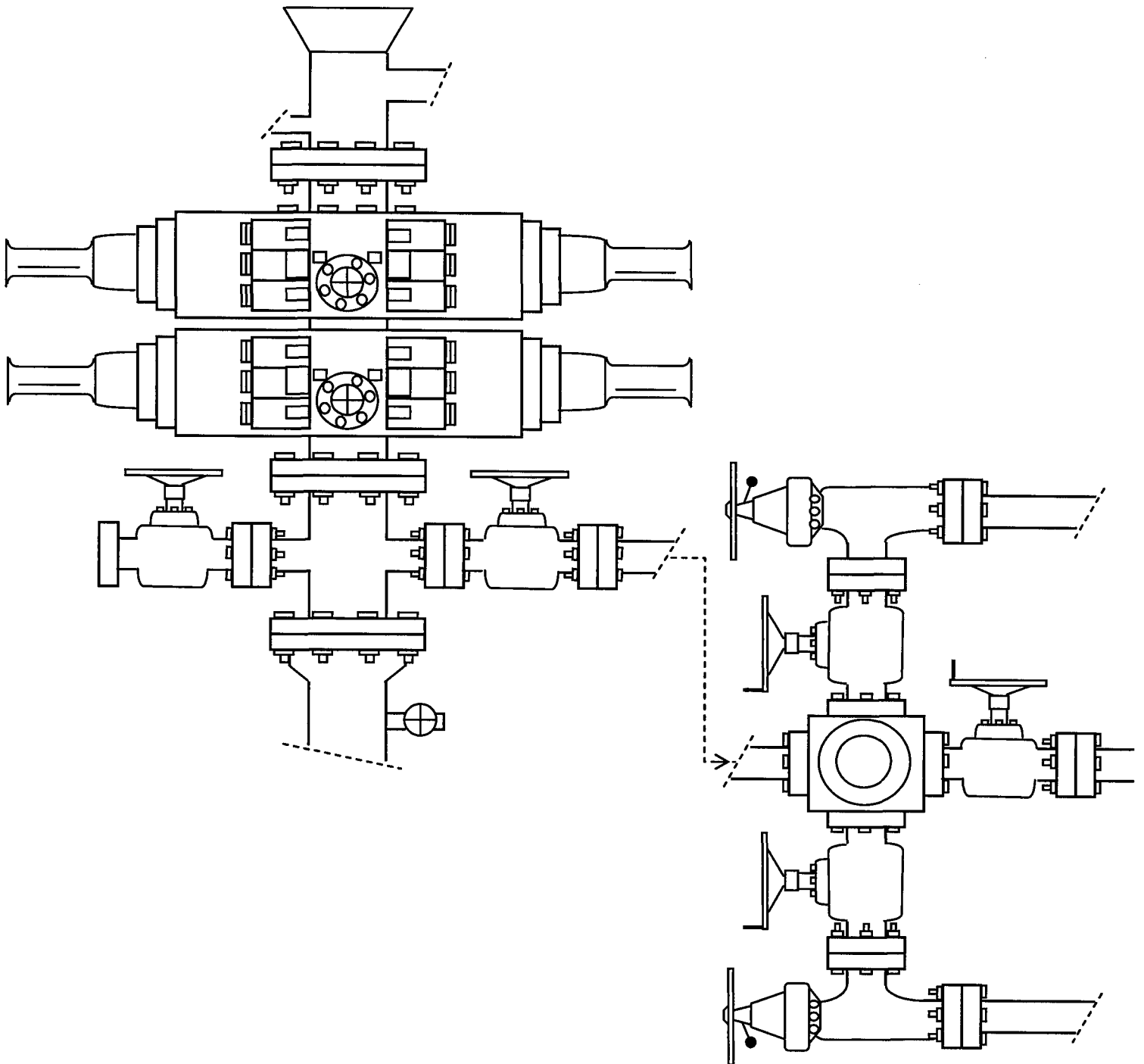


EXHIBIT C



**Scientific Drilling**  
Rocky Mountain Operations

Project: Duchesne County, UT  
Site: Pleasant Valley I-8-9-17  
Well: Pleasant Valley I-8-9-17  
Wellbore: OH  
Design: Plan #1

**Nowfield Exploration Co.**

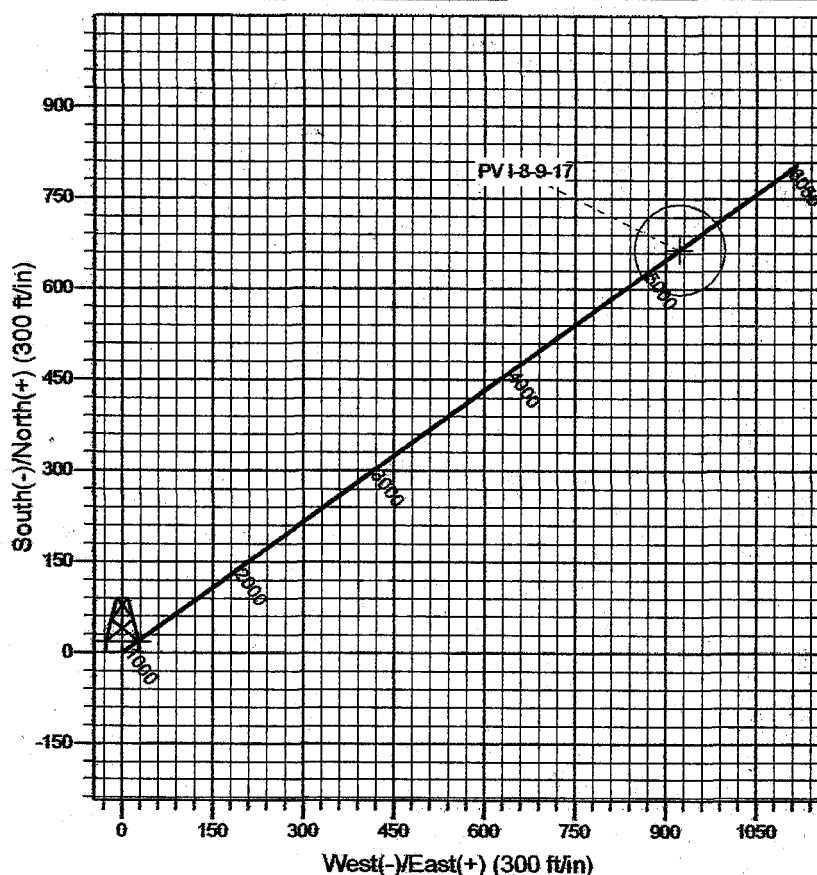
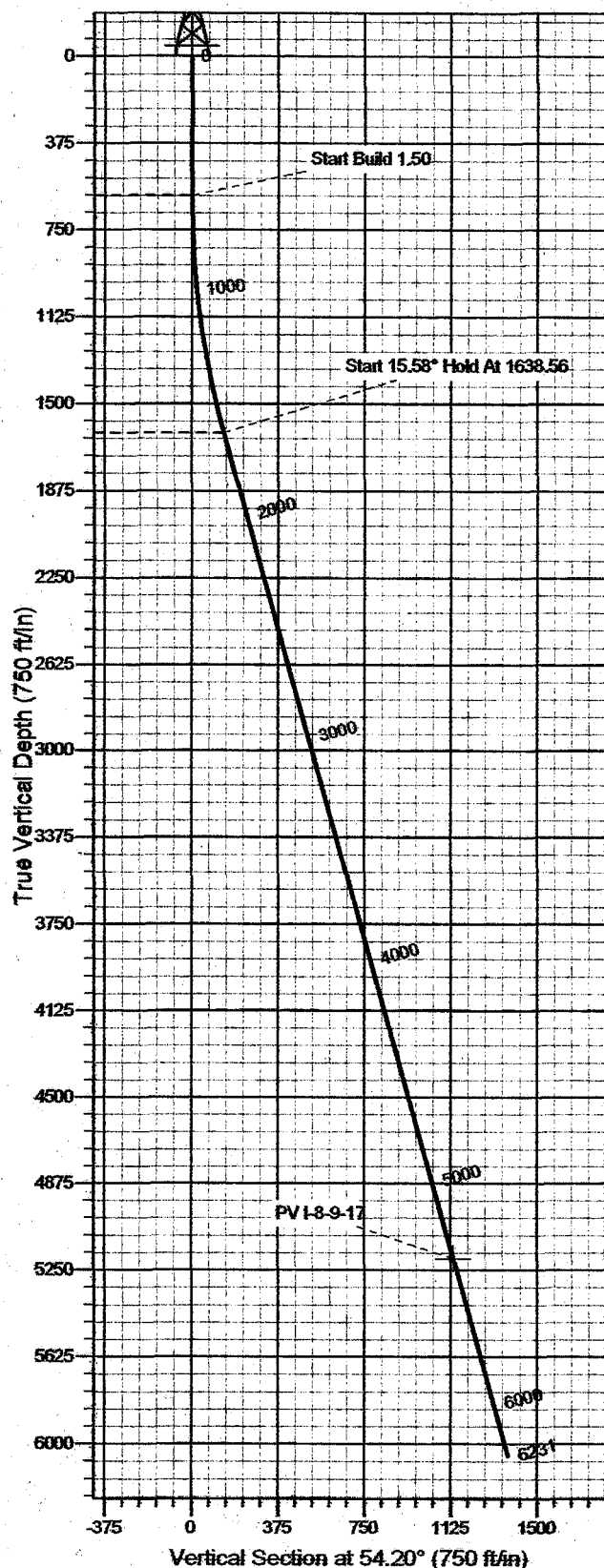


Azimuths to True North  
Magnetic North: 11.79°

Magnetic Field  
Strength: 52683.9nT  
Dip Angle: 65.91°  
Date: 2007-07-26  
Model: IGRF2005-10

WELL DETAILS: Pleasant Valley I-8-9-17

GL 5296' & RKB 12' @ 5308.00ft (NDSI 2) 5296.00 Slot  
+N/-S +E/-W Northing Easting Latitude Longitude  
0.00 0.00 7189337.99 2052434.56 40° 2' 50.090 N 110° 1' 41.370 W



FORMATION TOP DETAILS

Plan: Plan #1 (Pleasant Valley I-8-9-17/OH)

Created By: Rex Hall Date: 2007-07-26

PROJECT DETAILS: Duchesne County, UT

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: Utah Central Zone

System Datum: Mean Sea Level  
Local North: True

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
3	1638.56	15.58	54.20	1625.81	82.09	113.81	1.50	54.20	140.32	
4	5349.06	15.58	54.20	5200.00	665.00	922.00	0.00	0.00	1136.80	PV I-8-9-17
5	6231.47	15.58	54.20	6050.00	803.63	1114.20	0.00	0.00	1373.78	



# **Newfield Exploration Co.**

**Duchesne County, UT**

**Pleasant Valley I-8-9-17**

**Pleasant Valley I-8-9-17**

**OH**

**Plan: Plan #1**

## **Standard Planning Report**

**26 July, 2007**

# Scientific Drilling Planning Report

**Database:** MultiUserEDM  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT  
**Site:** Pleasant Valley I-8-9-17  
**Well:** Pleasant Valley I-8-9-17  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well Pleasant Valley I-8-9-17  
**TVD Reference:** GL 5296' & RKB 12' @ 5308.00ft (NDSI 2)  
**MD Reference:** GL 5296' & RKB 12' @ 5308.00ft (NDSI 2)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

<b>Project</b>	Duchesne County, UT		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Central Zone		

Site	Pleasant Valley I-8-9-17, Sec 8 T9S R17E				
Site Position:		Northing:	7,189,337.99 ft	Latitude:	40° 2' 50.090 N
From:	Lat/Long	Easting:	2,052,434.56 ft	Longitude:	110° 1' 41.370 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.94 °

Well	Pleasant Valley I-8-9-17, 1975' FNL & 2002' FEL					
Well Position	+N-S	0.00 ft	Northing:	7,189,337.99 ft	Latitude:	40° 2' 50.090 N
	+E-W	0.00 ft	Easting:	2,052,434.56 ft	Longitude:	110° 1' 41.370 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,296.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2007-07-26	11.79	65.91	52,684

Design	Plan #1				
Audit Notes:					
Version:	Phase:	PLAN		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N-S	+E-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	0.00	0.00	0.00	54.20	

Plan Sections										
Measured Depth	Inclination	Azimuth	Vertical Depth	+N-S	+E-W	Dogleg Rate	Build Rate	Turn Rate	TFO	Target
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)	(°)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,638.56	15.58	54.20	1,625.81	82.09	113.81	1.50	1.50	0.00	54.20	
5,349.06	15.58	54.20	5,200.00	665.00	922.00	0.00	0.00	0.00	0.00	PV I-8-9-17
6,231.47	15.58	54.20	6,050.00	803.63	1,114.20	0.00	0.00	0.00	0.00	

# Scientific Drilling Planning Report

Database: MultiUserEDM  
Company: Newfield Exploration Co.  
Project: Duchesne County, UT  
Site: Pleasant Valley I-8-9-17  
Well: Pleasant Valley I-8-9-17  
Wellbore: OH  
Design: Plan #1

Local Co-ordinate Reference: Well Pleasant Valley I-8-9-17  
TVD Reference: GL 5296' & RKB 12' @ 5308.00ft (NDSI 2)  
MD Reference: GL 5296' & RKB 12' @ 5308.00ft (NDSI 2)  
North Reference: True  
Survey Calculation Method: Minimum Curvature

## Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 1.50									
700.00	1.50	54.20	699.99	0.77	1.06	1.31	1.50	1.50	0.00
800.00	3.00	54.20	799.91	3.06	4.25	5.23	1.50	1.50	0.00
900.00	4.50	54.20	899.69	6.89	9.55	11.77	1.50	1.50	0.00
1,000.00	6.00	54.20	999.27	12.24	16.97	20.92	1.50	1.50	0.00
1,100.00	7.50	54.20	1,098.57	19.12	26.50	32.68	1.50	1.50	0.00
1,200.00	9.00	54.20	1,197.54	27.51	38.14	47.03	1.50	1.50	0.00
1,300.00	10.50	54.20	1,296.09	37.42	51.88	63.96	1.50	1.50	0.00
1,400.00	12.00	54.20	1,394.16	48.83	67.70	83.47	1.50	1.50	0.00
1,500.00	13.50	54.20	1,491.70	61.74	85.60	105.54	1.50	1.50	0.00
1,600.00	15.00	54.20	1,588.62	76.14	105.56	130.15	1.50	1.50	0.00
1,638.56	15.58	54.20	1,625.81	82.09	113.81	140.32	1.50	1.50	0.00
Start 15.58° Hold At 1638.56									
1,700.00	15.58	54.20	1,684.99	91.74	127.19	156.82	0.00	0.00	0.00
1,800.00	15.58	54.20	1,781.32	107.45	148.97	183.68	0.00	0.00	0.00
1,900.00	15.58	54.20	1,877.65	123.16	170.75	210.53	0.00	0.00	0.00
2,000.00	15.58	54.20	1,973.97	138.87	192.53	237.39	0.00	0.00	0.00
2,100.00	15.58	54.20	2,070.30	154.58	214.31	264.24	0.00	0.00	0.00
2,200.00	15.58	54.20	2,166.63	170.29	236.10	291.10	0.00	0.00	0.00
2,300.00	15.58	54.20	2,262.95	186.00	257.88	317.96	0.00	0.00	0.00
2,400.00	15.58	54.20	2,359.28	201.71	279.66	344.81	0.00	0.00	0.00
2,500.00	15.58	54.20	2,455.61	217.42	301.44	371.67	0.00	0.00	0.00
2,600.00	15.58	54.20	2,551.93	233.13	323.22	398.52	0.00	0.00	0.00
2,700.00	15.58	54.20	2,648.26	248.84	345.00	425.38	0.00	0.00	0.00
2,800.00	15.58	54.20	2,744.58	264.55	366.78	452.23	0.00	0.00	0.00
2,900.00	15.58	54.20	2,840.91	280.26	388.56	479.09	0.00	0.00	0.00
3,000.00	15.58	54.20	2,937.24	295.97	410.35	505.95	0.00	0.00	0.00
3,100.00	15.58	54.20	3,033.56	311.68	432.13	532.80	0.00	0.00	0.00
3,200.00	15.58	54.20	3,129.89	327.39	453.91	559.66	0.00	0.00	0.00
3,300.00	15.58	54.20	3,226.22	343.10	475.69	586.51	0.00	0.00	0.00
3,400.00	15.58	54.20	3,322.54	358.81	497.47	613.37	0.00	0.00	0.00
3,500.00	15.58	54.20	3,418.87	374.52	519.25	640.22	0.00	0.00	0.00
3,600.00	15.58	54.20	3,515.20	390.23	541.03	667.08	0.00	0.00	0.00
3,700.00	15.58	54.20	3,611.52	405.94	562.81	693.93	0.00	0.00	0.00
3,800.00	15.58	54.20	3,707.85	421.65	584.60	720.79	0.00	0.00	0.00
3,900.00	15.58	54.20	3,804.17	437.36	606.38	747.65	0.00	0.00	0.00
4,000.00	15.58	54.20	3,900.50	453.07	628.16	774.50	0.00	0.00	0.00
4,100.00	15.58	54.20	3,996.83	468.78	649.94	801.36	0.00	0.00	0.00
4,200.00	15.58	54.20	4,093.15	484.49	671.72	828.21	0.00	0.00	0.00
4,300.00	15.58	54.20	4,189.48	500.20	693.50	855.07	0.00	0.00	0.00
4,400.00	15.58	54.20	4,285.81	515.91	715.28	881.92	0.00	0.00	0.00
4,500.00	15.58	54.20	4,382.13	531.62	737.06	908.78	0.00	0.00	0.00
4,600.00	15.58	54.20	4,478.46	547.33	758.85	935.64	0.00	0.00	0.00
4,700.00	15.58	54.20	4,574.79	563.04	780.63	962.49	0.00	0.00	0.00
4,800.00	15.58	54.20	4,671.11	578.75	802.41	989.35	0.00	0.00	0.00
4,900.00	15.58	54.20	4,767.44	594.46	824.19	1,016.20	0.00	0.00	0.00

# Scientific Drilling Planning Report

Database: MultiUserEDM  
Company: Newfield Exploration Co.  
Project: Duchesne County, UT  
Site: Pleasant Valley I-8-9-17  
Well: Pleasant Valley I-8-9-17  
Wellbore: OH  
Design: Plan #1

Local Co-ordinate Reference: Well Pleasant Valley I-8-9-17  
TVD Reference: GL 5296' & RKB 12' @ 5308.00ft (NDSI 2)  
MID Reference: GL 5296' & RKB 12' @ 5308.00ft (NDSI 2)  
North Reference: True  
Survey Calculation Method: Minimum Curvature

## Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,000.00	15.58	54.20	4,863.76	610.17	845.97	1,043.06	0.00	0.00	0.00
5,100.00	15.58	54.20	4,960.09	625.88	867.75	1,069.91	0.00	0.00	0.00
5,200.00	15.58	54.20	5,056.42	641.59	889.53	1,096.77	0.00	0.00	0.00
5,300.00	15.58	54.20	5,152.74	657.30	911.31	1,123.63	0.00	0.00	0.00
5,349.06	15.58	54.20	5,200.00	665.00	922.00	1,136.80	0.00	0.00	0.00
<b>PV I-8-9-17</b>									
5,400.00	15.58	54.20	5,249.07	673.01	933.10	1,150.48	0.00	0.00	0.00
5,500.00	15.58	54.20	5,345.40	688.72	954.88	1,177.34	0.00	0.00	0.00
5,600.00	15.58	54.20	5,441.72	704.43	976.66	1,204.19	0.00	0.00	0.00
5,700.00	15.58	54.20	5,538.05	720.14	998.44	1,231.05	0.00	0.00	0.00
5,800.00	15.58	54.20	5,634.38	735.85	1,020.22	1,257.90	0.00	0.00	0.00
5,900.00	15.58	54.20	5,730.70	751.56	1,042.00	1,284.76	0.00	0.00	0.00
6,000.00	15.58	54.20	5,827.03	767.27	1,063.78	1,311.61	0.00	0.00	0.00
6,100.00	15.58	54.20	5,923.36	782.98	1,085.56	1,338.47	0.00	0.00	0.00
6,200.00	15.58	54.20	6,019.68	798.69	1,107.35	1,365.33	0.00	0.00	0.00
6,231.47	15.58	54.20	6,050.00	803.63	1,114.20	1,373.78	0.00	0.00	0.00

## Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N-S (ft)	+E-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
PV I-8-9-17	0.00	0.00	5,200.00	665.00	922.00	7,190,018.07	2,053,345.49	40° 2' 56.662 N	110° 1' 29.513 W
- plan hits target									
- Circle (radius 75.00)									

## Plan Annotations

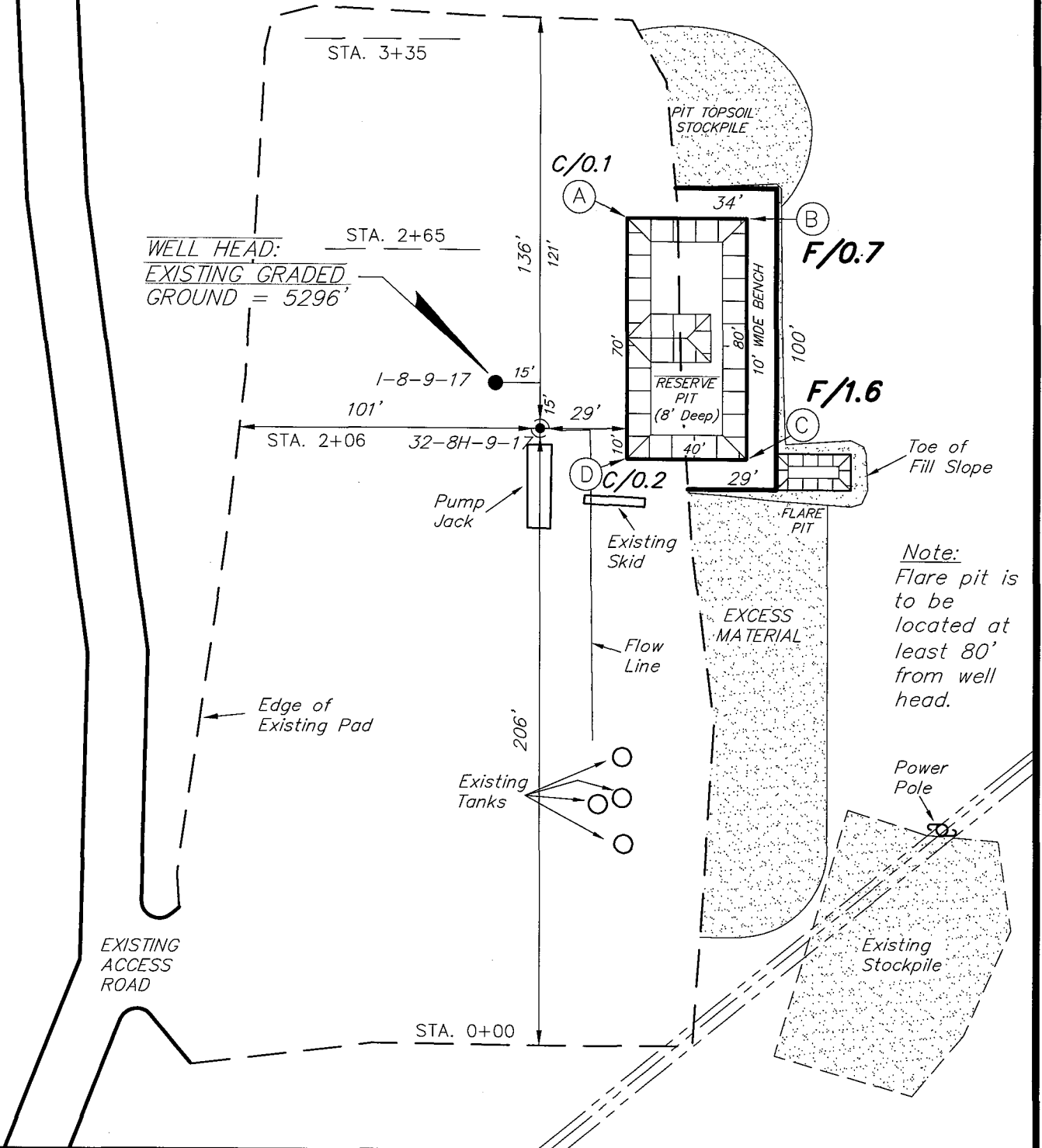
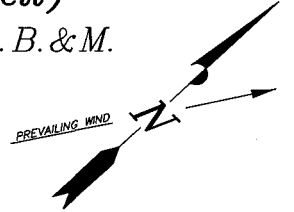
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N-S (ft)	+E-W (ft)	
600.00	600.00	0.00	0.00	Start Build 1.50
1,638.56	1,625.81	82.09	113.81	Start 15.58° Hold At 1638.56

# NEWFIELD PRODUCTION COMPANY

PLEASANT VALLEY 1-8-9-17 (Proposed Well)

PLEASANT VALLEY 32-8H-9-17 (Existing Well)

Pad Location: SWNE Section 8, T9S, R17E, S.L.B.&M.



*Note:*  
Flare pit is to be located at least 80' from well head.

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: T.C.J.

DATE: 06-14-07

**Tri State**  
Land Surveying, Inc.

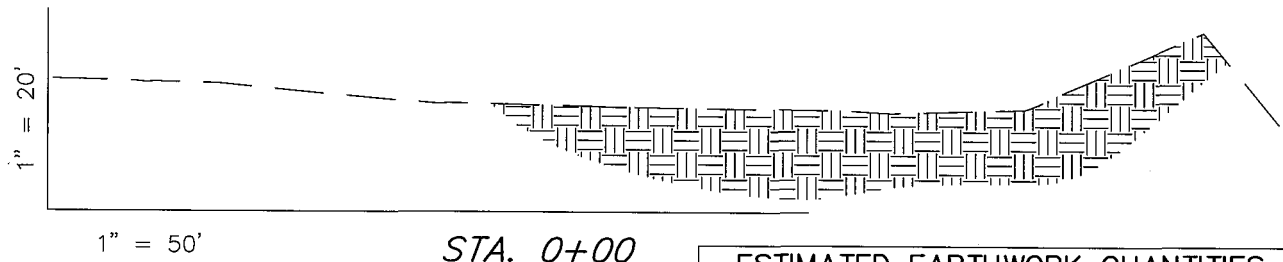
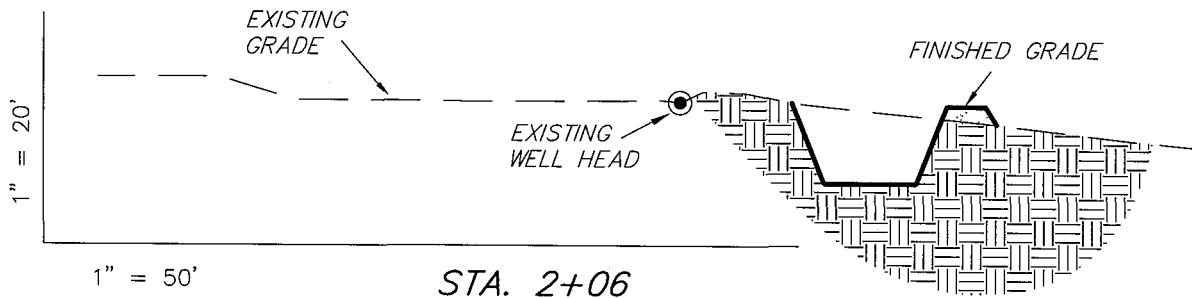
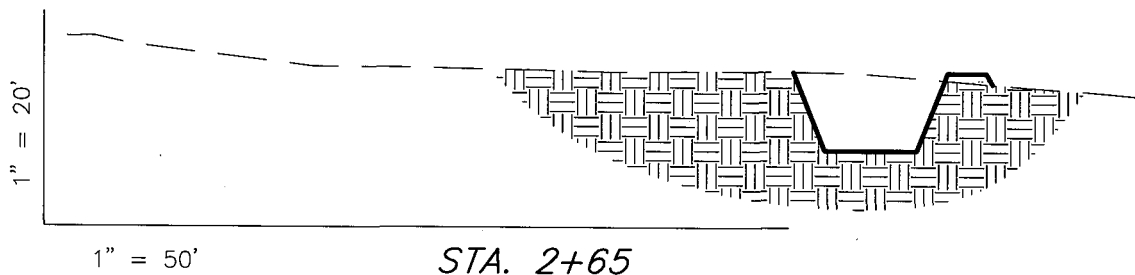
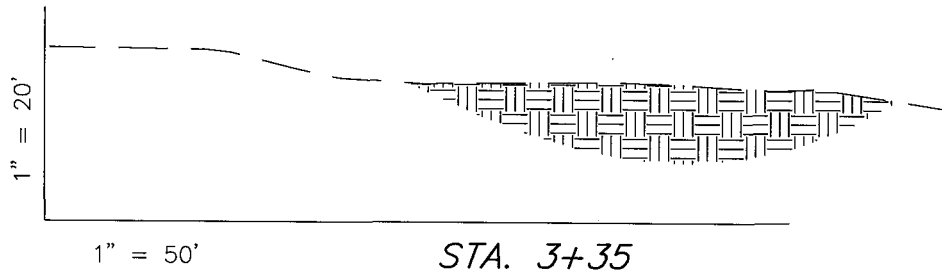
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

PLEASANT VALLEY I-8-9-17 (Proposed Well)  
PLEASANT VALLEY 32-8H-9-17 (Existing Well)



NOTE:  
UNLESS OTHERWISE NOTED  
CUT SLOPES ARE AT 1:1  
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES  
(No Shrink or swell adjustments have been used)  
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	-20	120	Topsoil is not included in Pad Cut	-140
PIT	640	0		640
TOTALS	620	120	130	500

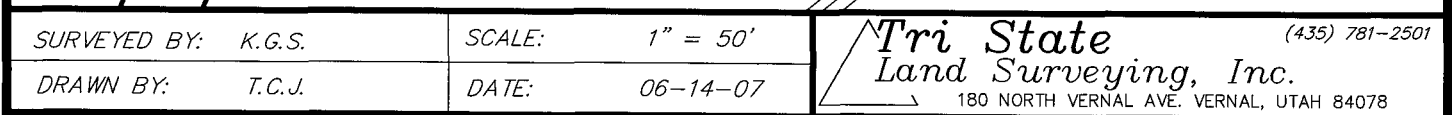
SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: T.C.J.

DATE: 06-14-07

Tri State  
Land Surveying, Inc.  
(435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078



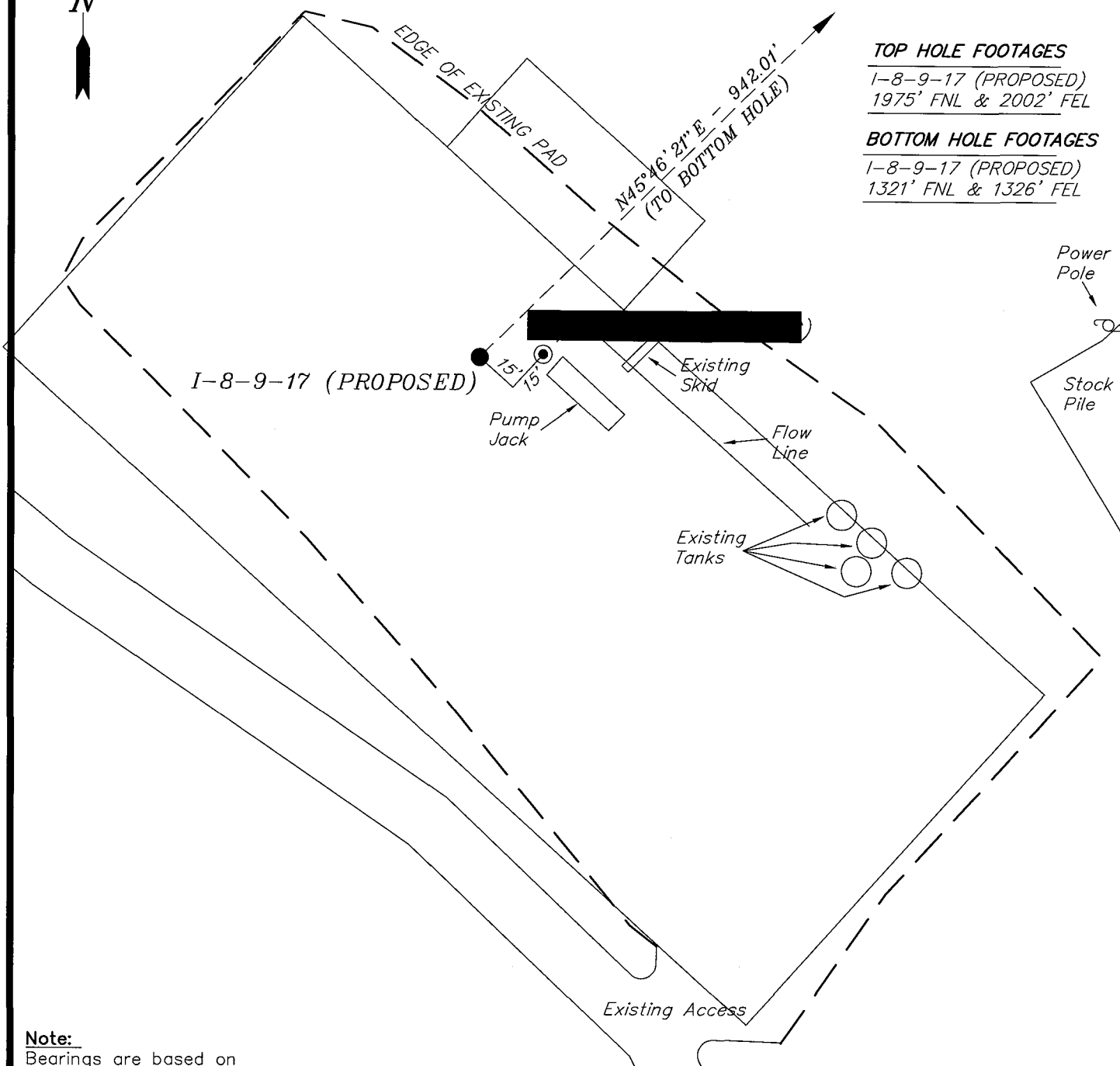
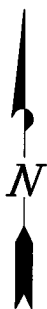
# NEWFIELD PRODUCTION COMPANY

## WELL PAD INTERFERENCE PLAT

PLEASANT VALLEY I-8-9-17 (Proposed Well)

PLEASANT VALLEY 32-8H-9-17 (Existing Well)

Pad Location: SWNE Section 8, T9S, R17E, S.L.B.&M.



### TOP HOLE FOOTAGES

I-8-9-17 (PROPOSED)  
1975' FNL & 2002' FEL

### BOTTOM HOLE FOOTAGES

I-8-9-17 (PROPOSED)  
1321' FNL & 1326' FEL

### Note:

Bearings are based on  
G.P.S. observations.

### RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
I-8 PROPOSED	657'	675'

### LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
I-8 PROPOSED	40° 02' 50.09"	110° 01' 41.37"
32-8H EXISTING	40° 02' 50.10"	110° 01' 41.10"

SURVEYED BY: K.G.S.	DATE SURVEYED: 05-24-07
DRAWN BY: T.C.J.	DATE DRAWN: 06-14-07
SCALE: 1" = 50'	REVISED:

**Tri State**  
Land Surveying, Inc.  
(435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078



# Newfield Production Company

## Proposed Site Facility Diagram

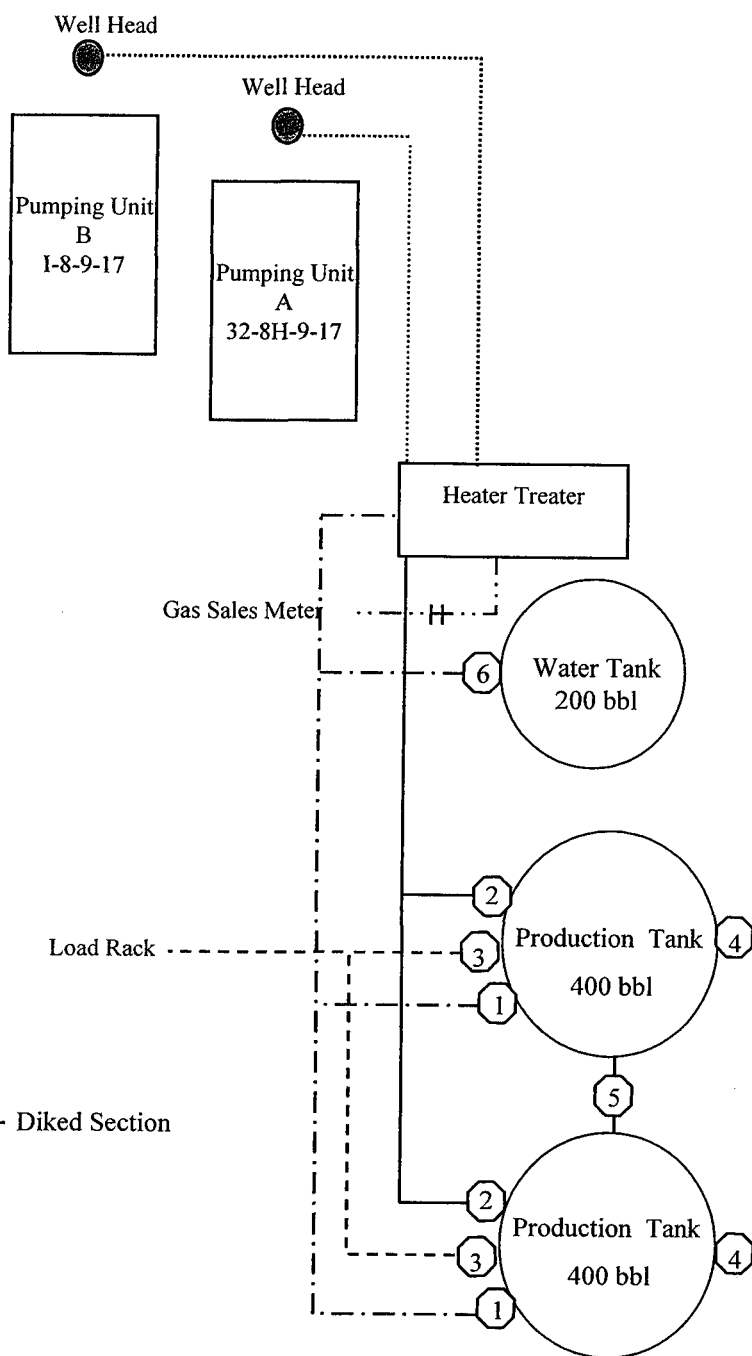
Pleasant Valley Federal I-8-9-17

From the Federal 32-8H Location

SW/NE Sec. 8 T9S, 17E

Duchesne County, Utah

UTU-10760



Site Security Plan is held at the Pleasant Valley Office, Duchesne County, Utah

### Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

### Sales Phase:

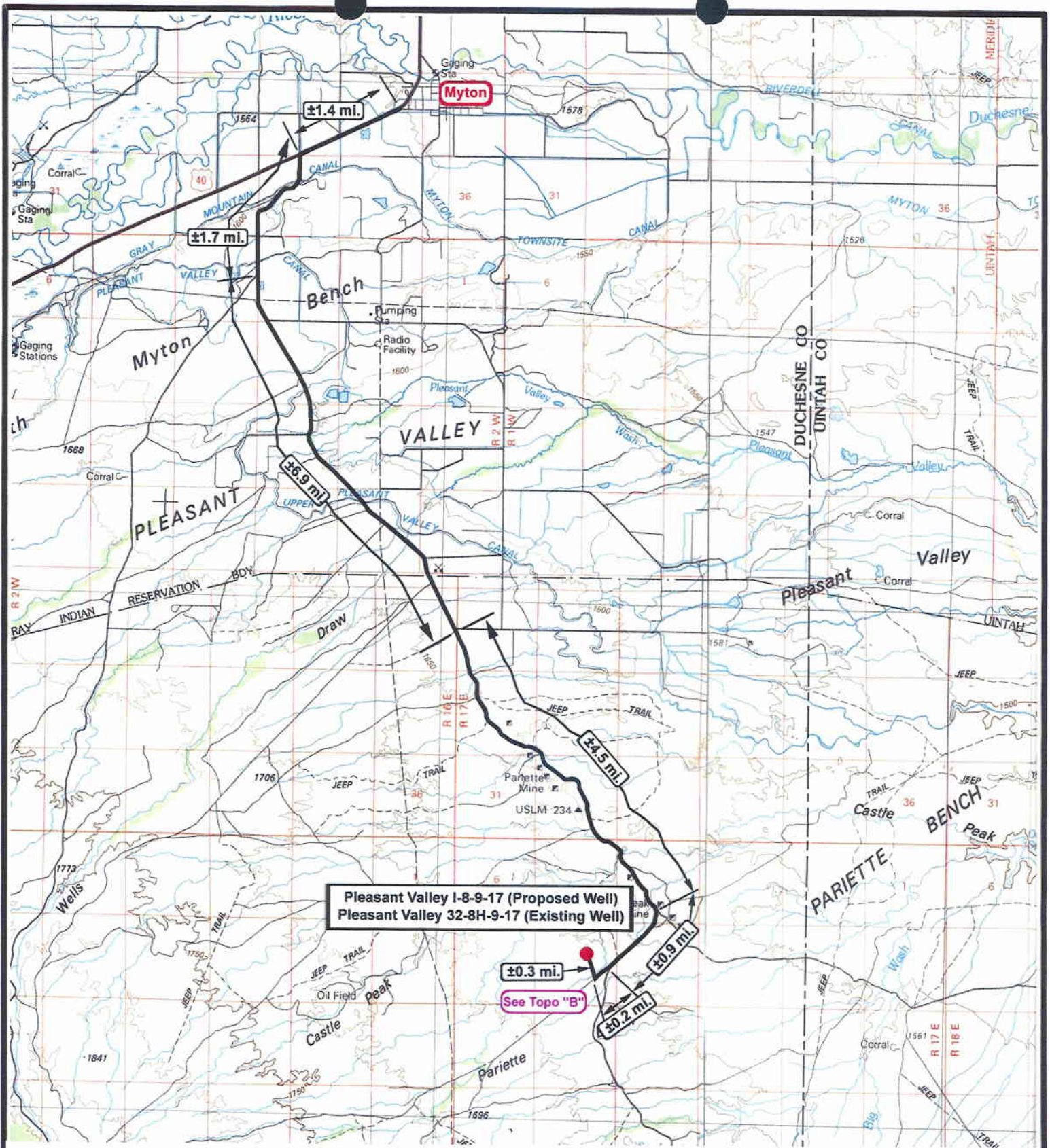
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open


### Draining Phase:

- 1) Valves 1 and 6 open

### Legend

Emulsion Line	.....
Load Rack	-----
Water Line	- - - - -
Gas Sales	.....
Oil Line	—————





**NEWFIELD**  
Exploration Company

**Pleasant Valley I-8-9-17 (Proposed Well)**  
**Pleasant Valley 32-8H-9-17 (Existing Well)**  
 Pad Location: SWNE SEC. 8, T9S, R17E, S.L.B.&M.



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
 DRAWN BY: TCJ  
 DATE: 06-18-2007

**Legend**

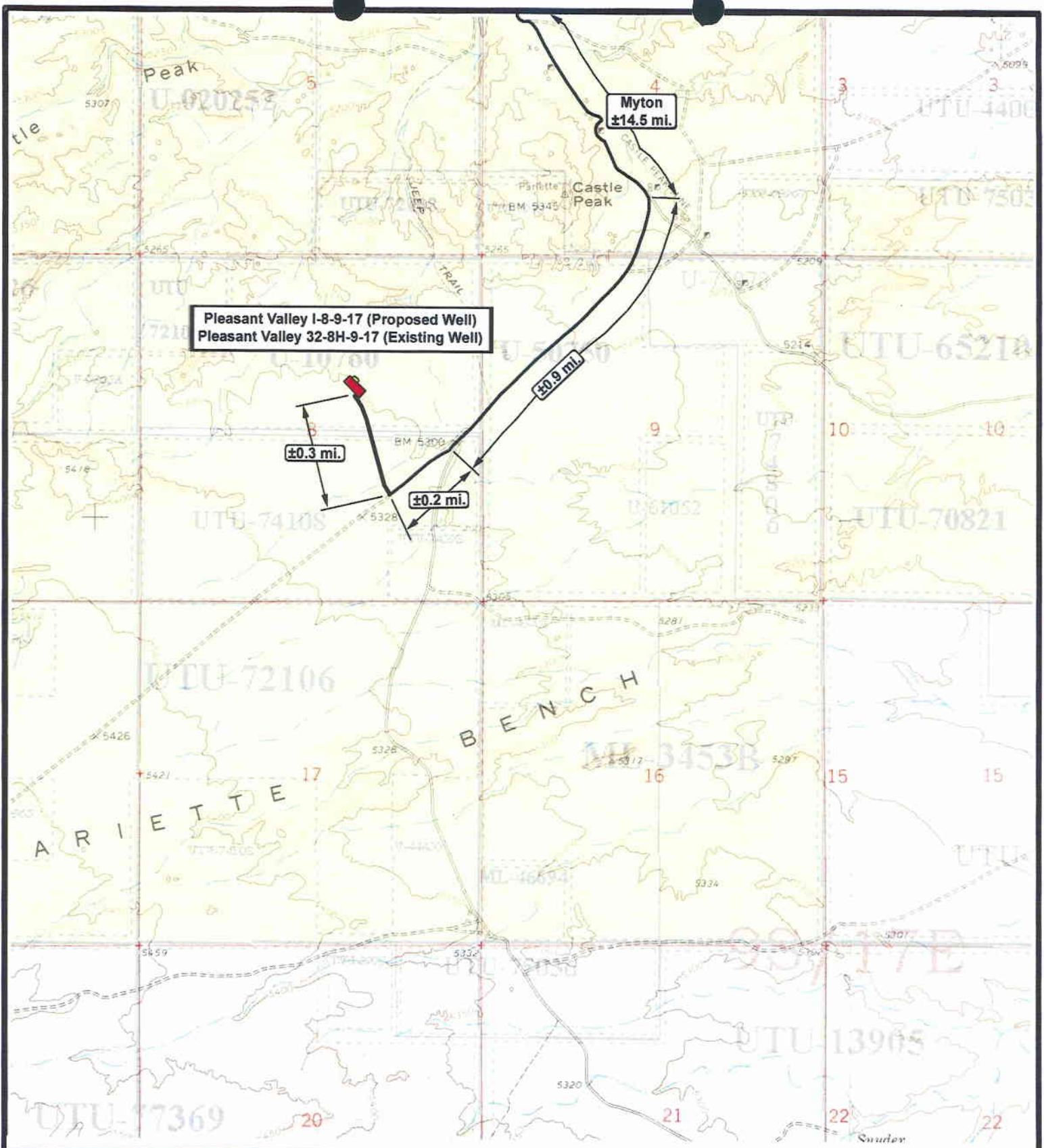
Existing Road

Proposed Access

**TOPOGRAPHIC MAP**

"A"





**NEWFIELD**  
Exploration Company

**Pleasant Valley I-8-9-17 (Proposed Well)**  
**Pleasant Valley 32-8H-9-17 (Existing Well)**  
Pad Location: SWNE SEC. 8, T9S, R17E, S.L.B.&M.



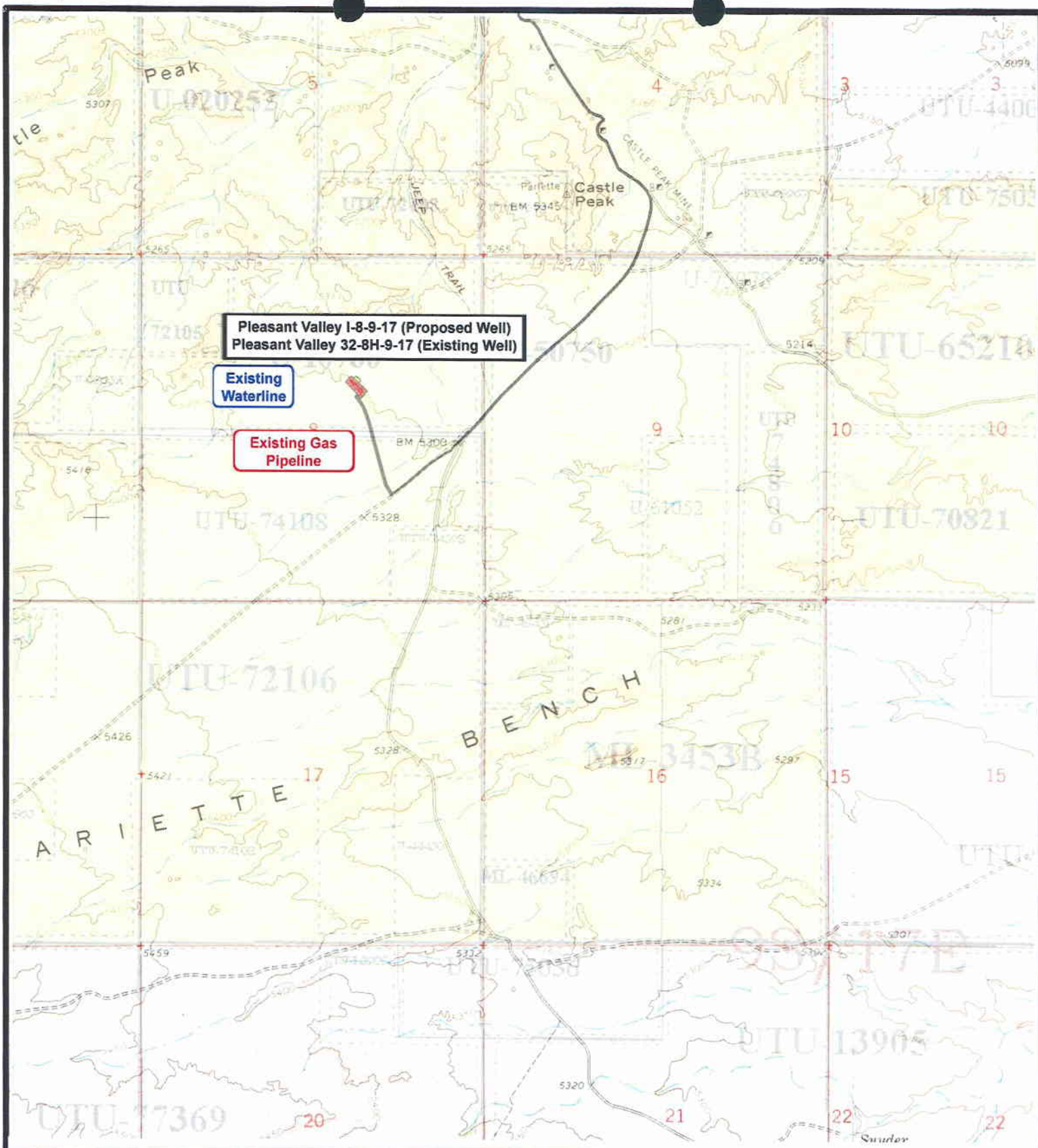
**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: TCJ  
DATE: 06-18-2007

**Legend**  
Existing Road

TOPOGRAPHIC MAP  
**"B"**





Pleasant Valley I-8-9-17 (Proposed Well)  
Pleasant Valley 32-8H-9-17 (Existing Well)

Existing  
Waterline

Existing Gas  
Pipeline

**NEWFIELD**  
Exploration Company

**Pleasant Valley I-8-9-17 (Proposed Well)**  
**Pleasant Valley 32-8H-9-17 (Existing Well)**  
Pad Location: SWNE SEC. 8, T9S, R17E, S.L.B.&M.



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

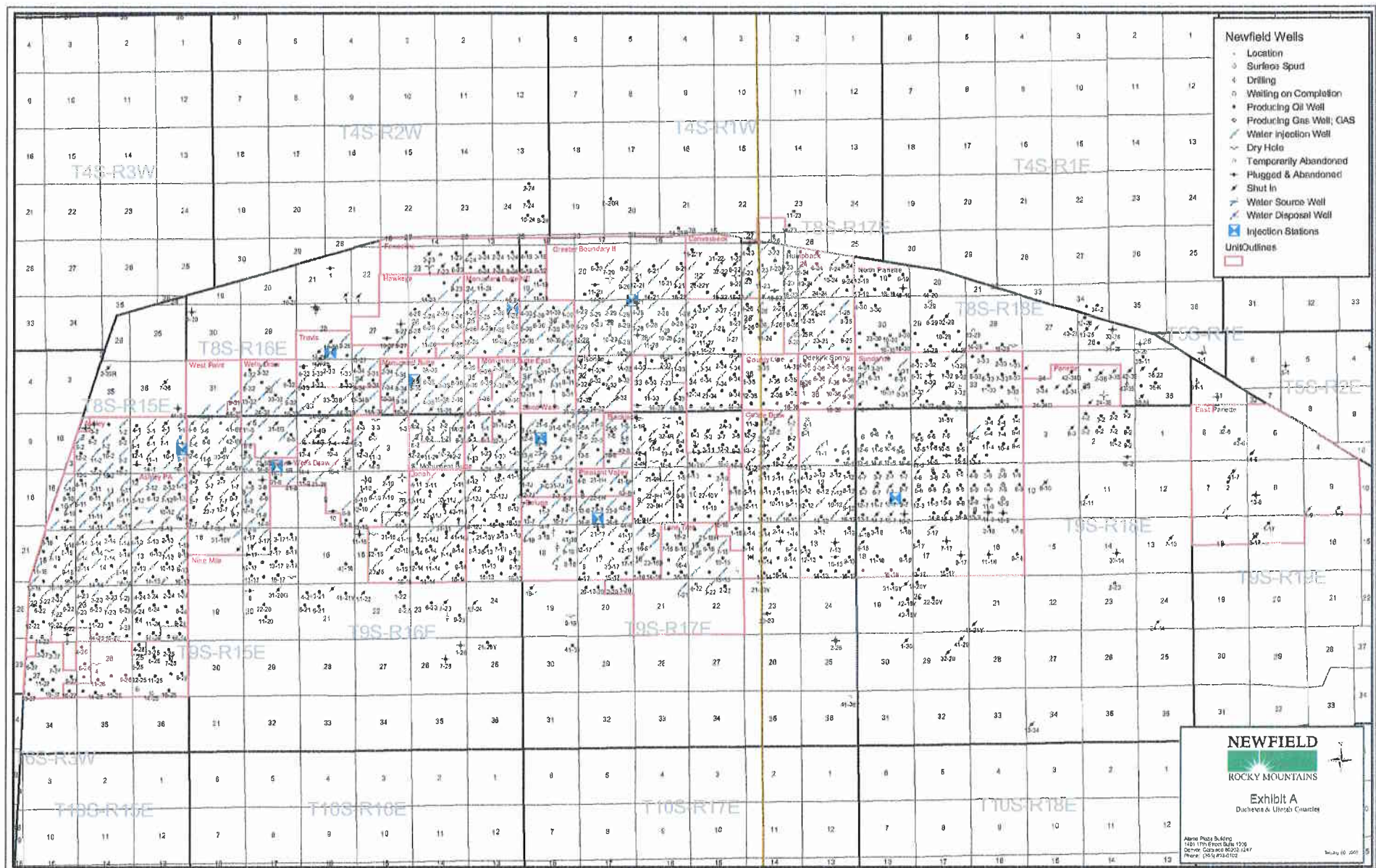
SCALE: 1" = 2,000'  
DRAWN BY: TCJ  
DATE: 06-18-2007

**Legend**

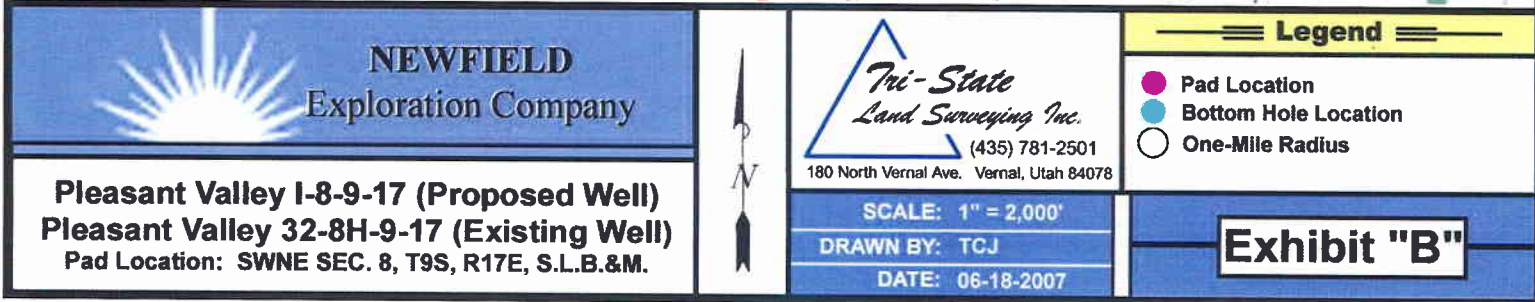
Existing Road

TOPOGRAPHIC MAP

"C"







**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/20/2007

API NO. ASSIGNED: 43-013-33755

WELL NAME: PLEASANT VLY FED I-8-9-17

OPERATOR: NEWFIELD PRODUCTION ( N2695 )

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNE 08 090S 170E

SURFACE: 1975 FNL 2002 FEL

BOTTOM: 1321 FNL 1326 FEL

COUNTY: DUCHESNE

LATITUDE: 40.04725 LONGITUDE: -110.0274

UTM SURF EASTINGS: 582963 NORTHINGS: 4433244

FIELD NAME: MONUMENT BUTTE ( 105 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-10760

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB000192 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-10136 )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

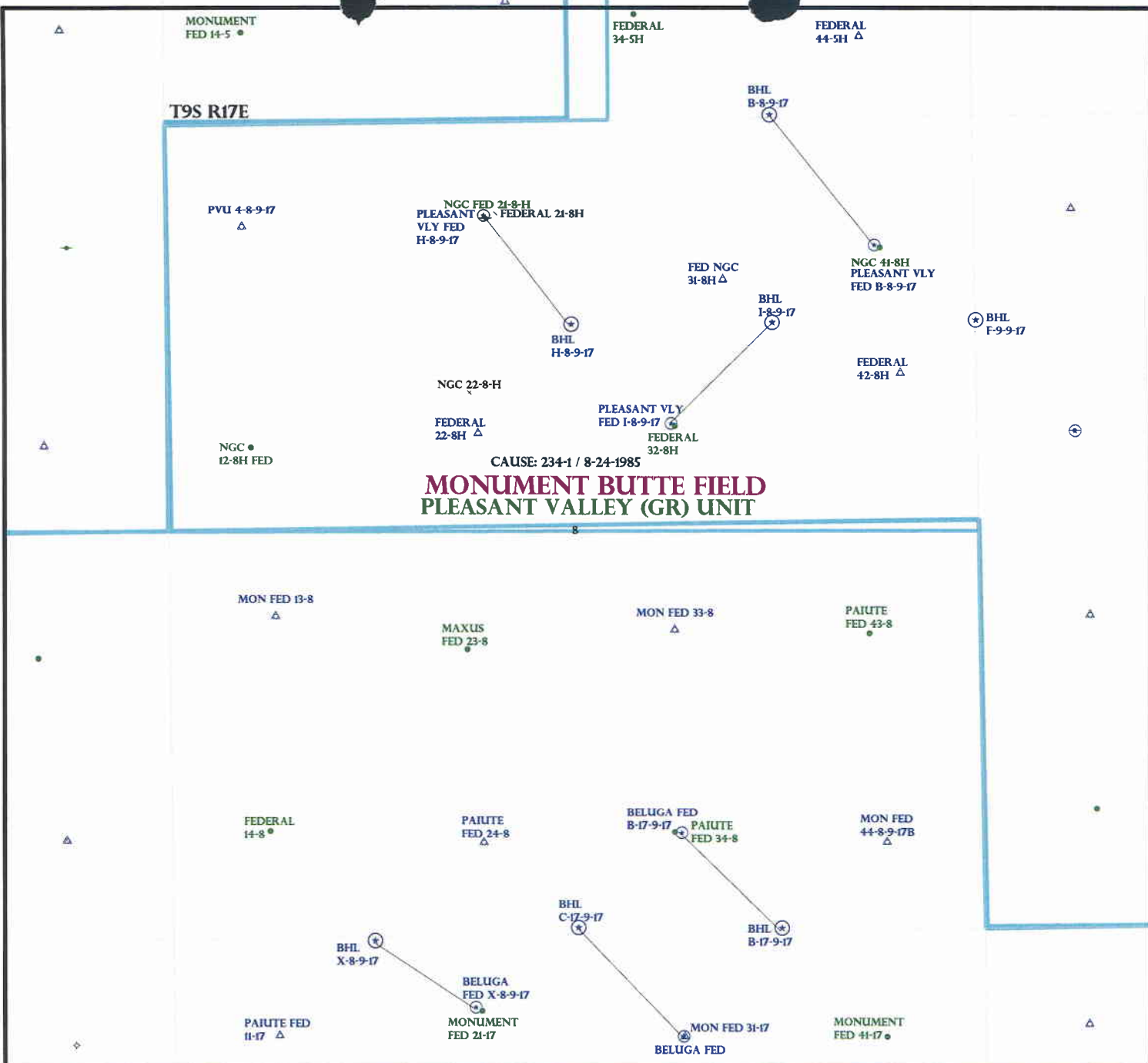
☐ R649-2-3.  
Unit: PLEASANT VALLEY (GR)  
☐ R649-3-2. General  
Siting: 460' From Qtr/Qtr & 920' Between Wells  
☐ R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 234-1  
Eff Date: 8-24-1985  
Siting: 460' fr ut-dr? 920' fr other wells.  
☒ R649-3-11. Directional Drill

COMMENTS:

*Sop, Separate Plan*

STIPULATIONS:

*1-Redup Approval*



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 8 T.9S R. 17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 234-1 / 8-24-1985

**Field Status**

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

**Wells Status**

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



OIL, GAS & MINING



PREPARED BY: DIANA MASON  
DATE: 29-AUGUST-2007





August 23, 2007

State of Utah, Division of Oil, Gas and Mining  
AFTN: Diana Mason  
PO Box 145801  
Salt Lake City, UT 84114-5801

RE: Directional Drilling  
**Pleasant Valley Federal I-8-9-17**  
Pleasant Valley Unit  
UTU-74477X  
Surface Hole: T9S R17E, Section 8: SW/4NE/4  
1975' FNL 2002' FEL  
Bottom Hole: T9S R16E, Section 8: SW/4NE/4  
1321' FNL 1326' FEL  
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated July 31, 2007, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Pleasant Valley Federal Unit UTU-74477X. Newfield certifies that it is the Pleasant Valley Unit Operator and all lands within 460 feet of the entire directional well bore are within the Pleasant Valley Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at [reveland@newfield.com](mailto:reveland@newfield.com). Your consideration of this matter is greatly appreciated.

Sincerely,  
NEWFIELD PRODUCTION COMPANY

*Roxann Eveland*

Roxann Eveland  
Land Associate

RECEIVED

AUG 27 2007

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No.

UTU-10760

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

Pleasant Valley Unit

8. Lease Name and Well No.

Pleasant Valley Federal I-8-9-17

9. API Well No.

10. Field and Pool, or Exploratory

Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 8, T9S R17E

12. County or Parish

Duchesne

13. State

UT

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)

At surface SW/NE 1975' FNL 2002' FEL

At proposed prod. zone SW/NE 1321' FNL 1326' FEL

14. Distance in miles and direction from nearest town or post office\*

Approximatley 15.9 miles southeast of Myton, Utah

15. Distance from proposed\*  
location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any) Approx. 1319' f/lse, 1319' f/unit

16. No. of Acres in lease

280.00

17. Spacing Unit dedicated to this well

20 Acres

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft. Approx. 1313'

19. Proposed Depth

6050'

20. BLM/BIA Bond No. on file

UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5296' GL

22. Approximate date work will start\*

4th Quarter 2007

23. Estimated duration

Approximately seven (7) days from spud to rig release.

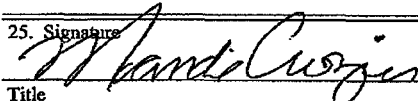
24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature



Name (Printed/Typed)

Mandie Crozier

Date

8/16/07

Title

Regulatory Specialist

Approved by (Signature)

Name (Printed/Typed)

Date

Title

Office

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

RECEIVED

AUG 27 2007

DIV. OF OIL, GAS & MINING

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

August 29, 2007

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2007 Plan of Development Pleasant Valley  
Unit, Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Pleasant Valley Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
43-013-33754	Pleasant Valley Fed H-8-9-17	Sec 8 T09S R17E 0613 FNL 2075 FWL BHL Sec 8 T09S R17E 1322 FNL 2632 FWL
43-013-33755	Pleasant Valley Fed I-8-9-17	Sec 8 T09S R17E 1975 FNL 2002 FEL BHL Sec 8 T09S R17E 1321 FNL 1326 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Pleasant Valley Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:8-29-07



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

August 29, 2007

Newfield Production Company  
Rt. #3, Box 3630  
Myton, UT 84052

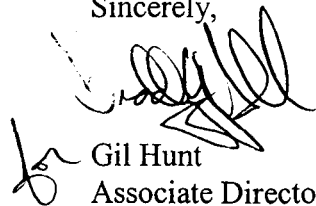
Re: Pleasant Valley Federal I-8-9-17 Well, Surface Location 1975' FNL, 2002' FEL, SW NE, Sec. 8, T. 9 South, R. 17 East, Bottom Location 1321' FNL, 1326' FEL, SW NE, Sec. 8, T. 9 South, R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33755.

Sincerely,



Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal Office

Operator: Newfield Production Company  
Well Name & Number Pleasant Valley Federal I-8-9-17  
API Number: 43-013-33755  
Lease: UTU-10760

Surface Location: SW NE Sec. 8 T. 9 South R. 17 East  
Bottom Location: SW NE Sec. 8 T. 9 South R. 17 East

### Conditions of Approval

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

RECEIVED  
VERNAL FIELD OFFICE

2007 AUG 20 PM 1:57

DEPT. OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

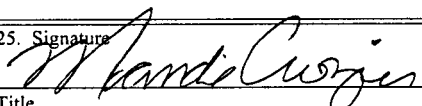
FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

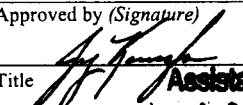
1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		14. Distance in miles and direction from nearest town or post office* Approximatley 15.9 miles southeast of Myton, Utah	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1319' f/lse, 1319' f/unit	
2. Name of Operator Newfield Production Company		16. No. of Acres in lease 280.00	
3a. Address Route #3 Box 3630, Myton UT 84052		17. Spacing Unit dedicated to this well 20 Acres	
3b. Phone No. (include area code) (435) 646-3721		18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1313'	
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SW/NE 1975' FNL 2002' FEL At proposed prod. zone SW/NE 1321' FNL 1326' FEL		19. Proposed Depth 6050'	
10. Field and Pool, or Exploratory Monument Butte		20. BLM/BIA Bond No. on file UTB000192	
11. Sec., T., R., M., or Blk. and Survey or Area Sec. 8, T9S R17E		21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5296' GL	
12. County or Parish Duchesne		22. Approximate date work will start* 4th Quarter 2007	
13. State UT		23. Estimated duration Approximately seven (7) days from spud to rig release.	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 8/16/07
---	--	-----------------

Approved by (Signature) 	Name (Printed/Typed) Terry Kewala	Date 11-27-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

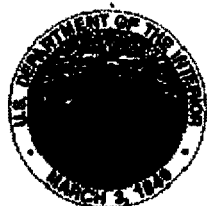
\*(Instructions on reverse)

NOTICE OF APPROVAL

UDOGM

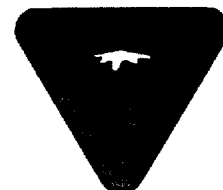
NOS 7/9/07  
07PP 2364A

RECEIVED  
DEC 05 2007  
DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Newfield Production Company Location: SWNE, Sec. 8, T9S, R17E (S)  
SWNE, Sec. 8, T9S, R17E (B)  
Well No: Pleasant Valley Federal I-8-9-17 Lease No: UTU-10760  
API No: 43-013-33755 Agreement: Pleasant Valley Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

***Surface COAs:***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

***Site Specific COAs:***

- **Timing Restrictions:** The proposed area contains Mountain Plover habitat. With this occurrence there will be a time restriction from May 15 – June 15.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.



- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The interim seed mix for this location shall be:

Kochia	<i>Kochia prostratum</i>	6 lbs/acre
Crested Wheatgrass	<i>Agropyron cristatum</i>	6 lbs/acre

- All pounds are in pure live seed.
  - Rates are set for drill seeding; double the rate if broadcasting.
  - Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be re-contoured to natural topology, topsoil shall be re-spread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.

- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.

***DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL***

**SITE SPECIFIC DOWNHOLE COAs:**

- None

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from

KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (1/4, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: PLEASANT VALLEY FED I-8-9-17

Api No: 43-013-33755 Lease Type: FEDERAL

Section 08 Township 09S Range 17E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

### **SPUDDED:**

Date 02/20/ 08

Time

How DRY

**Drilling will Commence:**

Reported by ALVIN NIELSEN

Telephone # (435) 823-7468

Date 02/21/08 Signed CHD



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPPLICATE - Other Instructions on reverse side

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Section 8 T9S R17E

5. Lease Serial No.

Pleasant Valley Federal I-8-9-17

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

PLEASANT VALLEY UNIT

8. Well Name and No.

PLSNT VLY I-8-9-17

9. API Well No.

4301333755

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 2/20/08 MIRU Ross Rig # 24 .Spud well @ 3:30 PM. Drill 303' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 308.46 KB On 2/22/08 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Alvin Nielsen

Signature

*Alvin Nielsen*

Title

Drilling Foreman

Date

02/23/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

FEB 27 2008

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 308.46

LAST CASING 8 5/8" set @ 308.46'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 303' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL Pleasant Valley Federal I-8-9-17  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Ross Rig # 24

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 39.28'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	296.61
		<b>GUIDE</b> shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	298.46
TOTAL LENGTH OF STRING	298.46	7	LESS CUT OFF PIECE	2
LESS NON CSG. ITEMS	1.85		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	0		CASING SET DEPTH	<b>308.46</b>

TOTAL	296.61	7	} COMPARE	
TOTAL CSG. DEL. (W/O THRDS)	296.61	7		
TIMING	1ST STAGE			
BEGIN RUN CSG.	Spud	2/20/2008	3:30 PM	GOOD CIRC THRU JOB <u>YES</u>
CSG. IN HOLE		2/21/2008	3:00 PM	Bbls CMT CIRC TO SURFACE <u>5</u>
BEGIN CIRC		2/22/2008	8:59 AM	RECIPROCATED PIPE FOR <u>N/A</u>
BEGIN PUMP CMT		2/22/2008	9:10 AM	
BEGIN DSPL. CMT		2/22/2008	9:19 AM	BUMPED PLUG TO <u>530</u> PSI
PLUG DOWN		2/22/2008	9:28 AM	

CEMENT USED	CEMENT COMPANY- <b>B. J.</b>
STAGE INVT #SX	CEMENT TYPE & ADDITIVES
TOTAL LENGTH <b>160</b>	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield
LESS NON CSG.	
PLUS FULL JTS.	
CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3	

COMPANY REPRESENTATIVE Alvin Nielse is DATE 2/22/2008

PLUG DOWN  
 CEMENT USED  
 STAGE INVT  
 TOTAL LENGTH  
 LESS NON CSG  
 PLUS FULL JTS

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84052

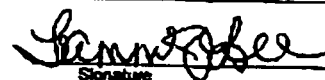
OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	16720	4301333686	Ute Tribal 10-21-4-1	NWSE	21	4S	1W	Duchesne	2/22/2008	2/28/08
WELL 1 COMMENTS: GRV											
A	99999	12277	4301333755	Pleasant Valley Federal I-8-9-17	SWNE	8	9S	17E	Duchesne	2/23/2008	2/28/08
GRV BHL = SW NE											
A	99999	13277	4301333754	Pleasant Valley Federal H-8-9-17	NENW NESE	8	9S	17E	Duchesne	2/23/2008	2/28/08
GRV BHL = NENW											
A	99999	16721	4301333086	Federal 8-24-9-16	SENE	24	9S	16E	Duchesne	2/25/2008	2/28/07
GRV											
A	99999	16722	4301333338	Federal 9-24-9-16	NESE	24	9S	16E	Duchesne	2/27/2008	2/28/07
WELL 5 COMMENTS: GRV											
A	99999										
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - 1 well to existing entity (group or well well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

  
Signature

Tammi Lee

Production Clerk

02/28/08

Date

RECEIVED

FEB 28 2008

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Section 8 T9S R17E

5. Lease Serial No.

USA UTU-10760

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

PLEASANT VALLEY UNIT

8. Well Name and No.

PLSNT VLY I-8-9-17

9. API Well No.

4301333755

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the

proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the

Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion

of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed.

Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

On 2/25/08 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 287'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6154. & a TVD of 6006' Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 144 jt's of 5.5 J-55, 15.5# csgn. Set @ 6440:89' KB: Cement with 300 sks cement mixed @ 11.0 ppg & 3.49 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. With 35 bbls cement returned to pit. Nipple down Bop's. Drop slips @83,000 #'s tension. Release rig 8:00 AM 3/3/08

I hereby certify that the foregoing is true and correct (Printed/Typed)

Alvin Nielsen

Signature to 1-300

cement & shoe

Title

Drilling Foreman

Date

03/04/2008

LEAVE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

MAR 06 2008

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6140.89

Flt cllr @ 6098.86

LAST CASING 8 5/8" SET # 308.46'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Pleasant Valley Federal I-8-9-17

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # NDSI #2

TD DRILLER 6154' Loggers 6156'

Projection to bit TVD= 6006

HOLE SIZE 7 7/8"

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 3683' (5.62')					
144	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6084.86
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	42.78
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6142.89
TOTAL LENGTH OF STRING		6142.89	145	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS LEFT OUT		191.11	5	CASING SET DEPTH			6140.89
HOLE SIZE TOTAL		6318.75	150	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6318.75	150				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		3/2/2008	11:30 PM	GOOD CIRC THRU JOB YES			
CSG. IN HOLE		3/3/2008	3:00 AM	Bbls CMT CIRC TO SURFACE 35			
BEGIN CIRC		3/3/2008	3:00 AM	RECIPROCATED PIPE FOR THRUSTROKE NA			
BEGIN PUMP CMT		3/3/2008	5:12 AM	DID BACK PRES. VALVE HOLD ? YES			
BEGIN DSPL. CMT		3/3/2008	6:20 AM	BUMPED PLUG TO 2500 PSI			
PLUG DOWN		3/3/2008	6:44 AM				

CEMENT USED		CEMENT COMPANY- B. J.	
STAGE IN	#SX	CEMENT TYPE & ADDITIVES	
1	300	Premlite II w/ 10% gel + 3 % KCL, 3#/s /sk CSE + 2# sk/kolseal + 1/2#/s/sk Cello Flake	
		mixed @ 11.0 ppg W / 3.43 cf/sk yield	
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD	
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING	
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.			

COMPANY REPRESENTATIVE Alvin Nielsen

DATE 3/3/2008

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

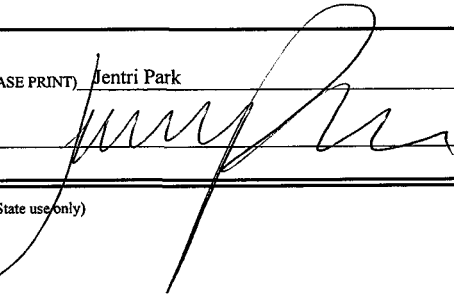
1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-10760
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: PLEASANT VALLEY UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: PLSNT VLY I-8-9-17
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 8, T9S, R17E		9. API NUMBER: 4301333755
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 04/10/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 03/28/08, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park	TITLE Production Clerk
SIGNATURE 	DATE 04/10/2008

(This space for State use only)

RECEIVED

APR 14 2008

DIV. OF OIL, GAS & MINING

**Daily Activity Report**

Format For Sundry

**PLSNT VLY I-8-9-17****1/1/2008 To 5/30/2008****3/18/2008 Day: 1****Completion**

Rigless on 3/17/2008 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6058' & cement top @ 25'. Perforate stage #1, CP3 sds @ 5785-94' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 36 shots. 142 BWTR. SWIFN.

**3/25/2008 Day: 2****Completion**

Rigless on 3/24/2008 - Stage #1 CP3 sds. RU BJ Services. 0 psi on well. Frac CP3 sds w/ 14,893#'s of 20/40 sand in 298 bbls of Lightning 17 fluid. Broke @ 2911 psi. Treated w/ ave pressure of 2273 psi w/ ave rate of 23.2 BPM. ISIP 1882 psi. Leave pressure on well. 440 BWTR. Stage #2 CP1 & CP3 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 6', 11' perf guns. Set plug @ 5750'. Perforate CP3 sds @ 5695-5706' & CP1 sds @ 5656-62' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 68 shots. RU BJ Services. 1750 psi on well. Frac CP1 & CP3 sds w/ 35,114#'s of 20/40 sand in 426 bbls of Lightning 17 fluid. Broke @ 1927 psi. Treated w/ ave pressure of 2100 psi w/ ave rate of 25.3 BPM. ISIP 2052 psi. Leave pressure on well. 866 BWTR. Stage #3 LODC sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12, 22' perf guns. Set plug @ 5590'. Perforate LODC sds @ 5390-5412' & 5476-88' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 136 shots. RU BJ Services. 1585 psi on well. Frac LODC sds w/ 230,394#'s of 20/40 sand in 1535 bbls of Lightning 17 fluid. Broke @ 3288 psi. Treated w/ ave pressure of 2116 psi w/ ave rate of 25.4 BPM. ISIP 2214 psi. Leave pressure on well. 2401 BWTR. Stage #4 A.5 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 19' perf gun. Set plug @ 5250'. Perforate A.5 sds @ 5131-50' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 76 shots. RU BJ Services. 2040 psi on well. Frac A.5 sds w/ 80,732#'s of 20/40 sand in 645 bbls of Lightning 17 fluid. Broke @ 3785 psi. Treated w/ ave pressure of 2242 psi w/ ave rate of 24.5 BPM. ISIP 2311 psi. Leave pressure on well. 3046 BWTR. Stage #5 D2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 9' perf gun. Set plug @ 4900'. Perforate D2 sds @ 4789-98' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 36 shots. RU BJ Services. 1940 psi on well. Frac D2 sds w/ 15,202#'s of 20/40 sand in 261 bbls of Lightning 17 fluid. Broke @ 3476 psi. Treated w/ ave pressure of 2223 psi w/ ave rate of 24.7 BPM. ISIP 1816 psi. Leave pressure on well. 3307 BWTR. Stage #6 GB6 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 15' perf gun. Set plug @ 4350'. Perforate GB6 sds @ 4244-59' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 60 shots. RU BJ Services. 1770 psi on well. Frac GB6 sds w/ 62,421#'s of 20/40 sand in 535 bbls of Lightning 17 fluid. Broke @ 3782 psi. Treated w/ ave pressure of 2125 psi w/ ave rate of 25.3 BPM. ISIP 2148 psi. Open well to pit for immediate flowback @ approx. 1 bpm. Well flowed for 13 hrs. Recovered 750 bbls. SWIFN.

**3/26/2008 Day: 3****Completion**

Rigless on 3/25/2008 - Open well to pit. Flowed well for 1 hr. & shut in well. Recovered 60 bbls water. ISIP @ 600 psi. Pressure went to 800 psi in 10 min. RU The Perforators, llc. Set CBP @ 4150'. RD wireline. Bleed off well to pit. SWIFN.

---

3/27/2008 Day: 4

Completion

Western #4 on 3/26/2008 - MIRU Western #4. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & new 2 7/8" tbg. from pipe rack (tallying & drifting). Tag fill @ 4059'. RU powerswivel. Circulate well clean. SWIFN.

---

3/28/2008 Day: 5

Completion

Western #4 on 3/27/2008 - RIH w/ tbg. Tag fill @ 4059'. C/O to CBP @ 4150'. DU CBP @ 25 min. Cont. RIH w/ tbg. Tag CBP @ 4350'. DU CBP in 40 min. Cont. RIH w/ tbg. Tag CBP @ 4900'. DU CBP in 30 min. Cont. RIH w/ tbg. Tag CBP @ 5250'. DU CBP in 30 min. Cont. RIH w/ tbg. Tag CBP @ 5590'. DU CBP in 16 min. Cont. RIH w/ tbg. Tag CBP @ 5750'. DU CBP in 12 min. Cont. RIH w/ tbg. Tag fill @ 5993'. C/O to PBSD @ 6097'. Circulate well clean. Pull up to 6008'. Flowed well for 3 hrs. Recovered 52 bbls. SWIFN.

---

3/29/2008 Day: 6

Completion

Western #4 on 3/28/2008 - Circulate well w/ 130 bbls brine water. RIH w/ tbg. Tag PBSD @ 6097' (no fill). POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 183 jts 2 7/8" tbg. ND BOP. Set TAC @ 5763' w/ 16,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ CDI 2 1/2" x 1 3/4" x 16' x 20' RHAC pump, 4- 1 1/2" weight bars, 288- 7/8" guided rods (8 per rod), 1- 7/8" x 4' pony sub, 1 1/2" x 26' polished rod. Seat pump. Stroke test to 800 psi. RU pumping unit. Hang off rods. Adjust tag. RD. Put well on production on 3-29-08. 120" stroke length, 5 spm. Final Report.

---

Pertinent Files: [Go to File List](#)



**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

## 1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

## 1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other \_\_\_\_\_

## 2. NAME OF OPERATOR

Newfield Exploration Company

## 3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

## 4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*

At Surface 1975' FNL &amp; 2002' FEL (SW/NE) Sec. 8, T9S, R17E

At top prod. Interval reported below

At total depth

1259' fnl 1031' fel

## 14. API NO.

43-013-33755

## DATE ISSUED

08/29/07

## 12. COUNTY OR PARISH

Duchesne

## 13. STATE

UT

## 15. DATE SPUNDED

02/20/08

## 16. DATE T.D. REACHED

03/02/08

## 17. DATE COMPL. (Ready to prod.)

03/28/08

## 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

5296' GL

## 19. ELEV. CASINGHEAD

5308' KB

## 20. TOTAL DEPTH, MD &amp; TVD

6154' 6006'

## 21. PLUG BACK T.D., MD &amp; TVD

6097' 5949'

## 22. IF MULTIPLE COMPL., HOW MANY\*

## 23. INTERVALS DRILLED BY

-----&gt;

## ROTARY TOOLS

X

## CABLE TOOLS

## 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

Green River 4244'-5794'

## 25. WAS DIRECTIONAL SURVEY MADE

No Yes

## 26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

## 27. WAS WELL CORED

No

## 23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	308'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6141'	7-7/8"	300 sx Premlite II and 450 sx 50/50 Poz	

## 29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5862'	TA @ 5763'

## 31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
(CP3) 5785'-5794'	.49"	4/36	5785'-5794'
(CP2 & 1) 5695'-5706', 5656'-5662'	.49"	4/68	5656'-5706'
(LODC) 5390'-5412', 5476'-5488'	.49"	4/136	5390'-5488'
(A.5) 5131'-5150'	.49"	4/76	5131'-5150'
(D2) 4789'-4798'	.49"	4/36	4789'-4798'
(GB6) 4244'-4259'	.49"	4/60	4244'-4259'

## 33.\* PRODUCTION

DATE FIRST PRODUCTION 03/30/08		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 14' RHAC SM Plunger Pump					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 04/14/08	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 60	GAS--MCF. 30	WATER--BBL. 75		GAS-OIL RATIO 500
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL-BBL.	GAS--MCF.	WATER--BBL.		OIL GRAVITY-API (CORR.)	
RECEIVED								

## 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold &amp; Used for Fuel

TEST WITNESSED BY

## 35. LIST OF ATTACHMENTS

## 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Jentri Park

TITLE

Production Tech

DATE

5/8/2008

DIV. OF OIL, GAS &amp; MINING

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);	38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	<div>NAME</div> <div>MEAS. DEPTH</div> <div>TRUE VERT. DEPTH</div>
			<div>Well Name</div> <div>Pleasant Valley Federal I-8-9-17</div>	<div>Garden Gulch Mkr</div> <div>Garden Gulch 1</div> <div>Garden Gulch 2</div> <div>Point 3 Mkr</div> <div>X Mkr</div> <div>Y-Mkr</div> <div>Douglas Creek Mkr</div> <div>BiCarbonate Mkr</div> <div>B Limestone Mkr</div> <div>Castle Peak</div> <div>Basal Carbonate</div> <div>Total Depth (LOGGERS)</div> <div>3711'</div> <div>3906'</div> <div>4024'</div> <div>4298'</div> <div>4545'</div> <div>4580'</div> <div>4711'</div> <div>4942'</div> <div>5057'</div> <div>5999'</div> <div>6032'</div> <div>6156'</div>



**Scientific  
Drilling**

## Directional Survey Certification

7327 West Barton Road  
Casper, WY 82604  
(307)-472-6621 Fax (307) 472-5439

RE: _____	Newfield Exploration Co.	Operator
_____	Pleasant Valley I-8-9-17	Well Name & No.
_____	Duchsene County, UT	County & State
_____	42DEF0802149	SDI Job No.

I, Julie Cruse, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 375 feet to a measured depth of 6154 feet is true and correct as determined from all available records.

Julie Cruse

Signature

Rockies Region Engineer

Title

Scientific Drilling International

Company

State of : Wyoming }

County of : Natrona }

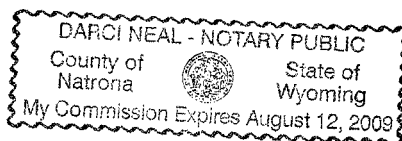
ss

On this 18<sup>th</sup> day of March, 2008, before me personally appeared Julie Cruse to me known as the person described in and who executed the foregoing instrument and acknowledged that (s)he executed the same as his/her free act and deed.

Seal

Darci Neal  
Notary Public

Aug 12, 2009  
My Commission Expires

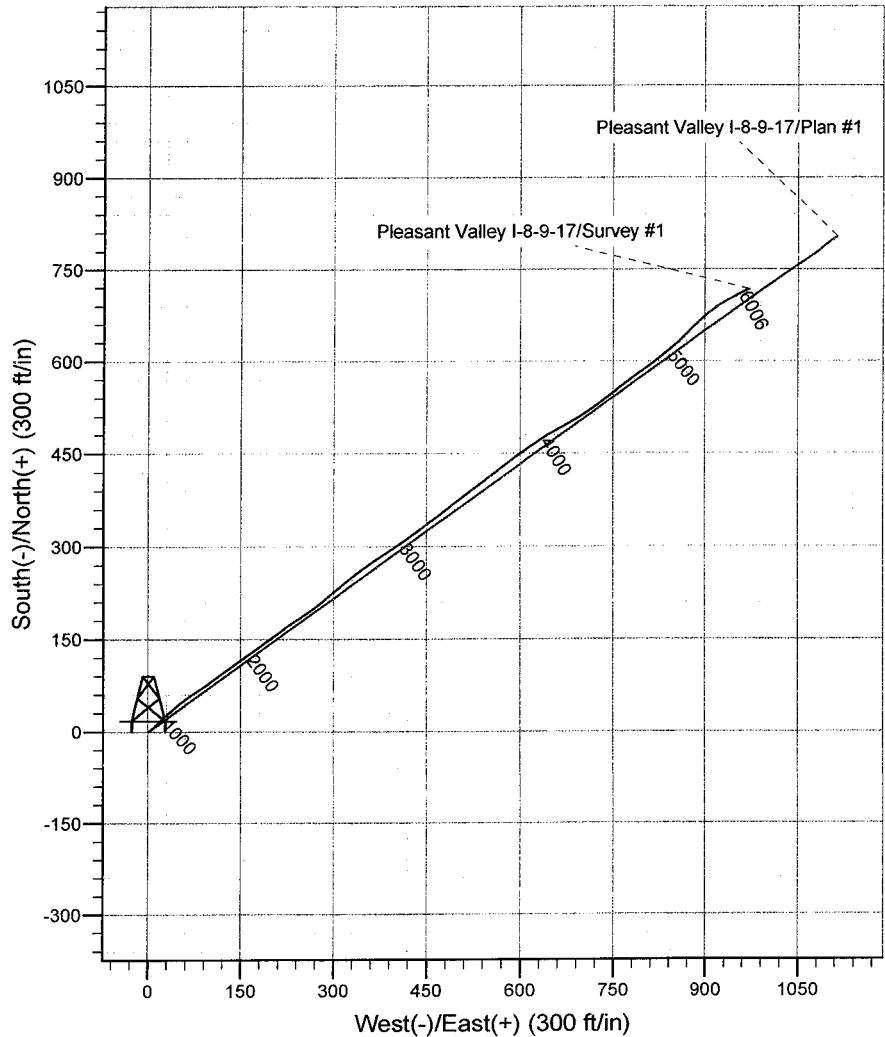
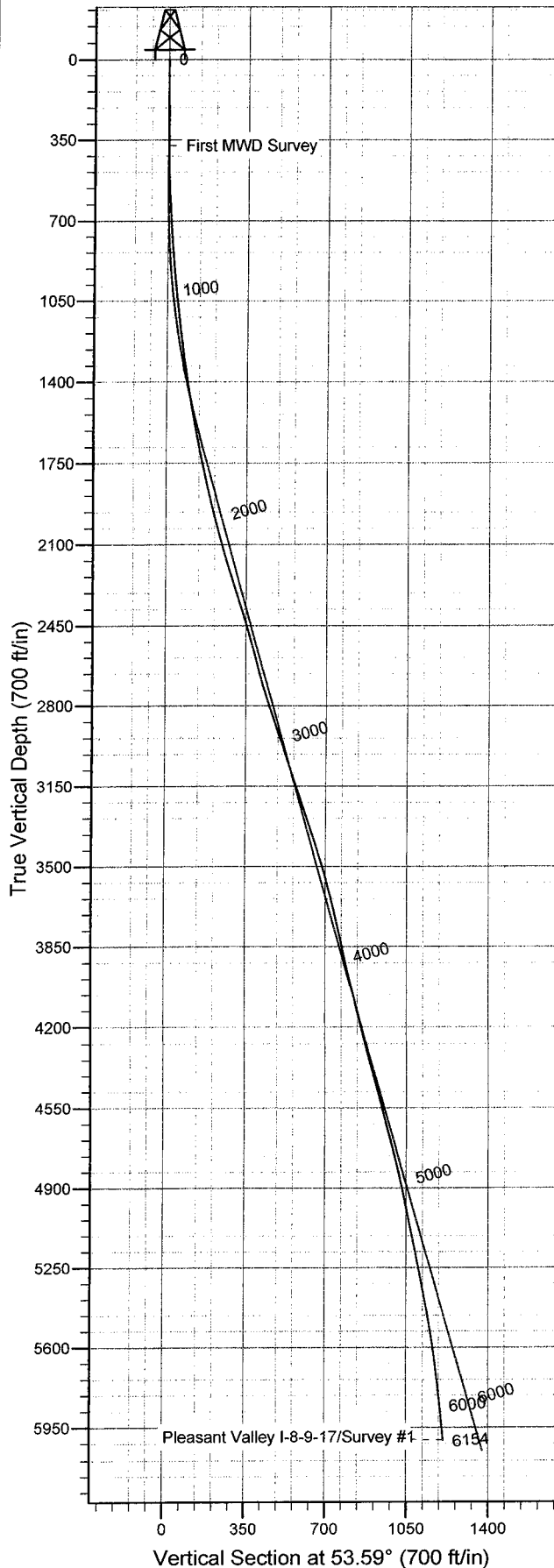




**Scientific Drilling**  
Rocky Mountain Operations

Project: Duchesne County, UT NAD83 UTC  
Site: Pleasant Valley I-8-9-17  
Well: Pleasant Valley I-8-9-17  
Wellbore: OH  
Design: OH

**Newfield Exploration Co.**



#### WELL DETAILS: Pleasant Valley I-8-9-17

+N/-S	+E/-W	Ground Level: Northing	GL 5296' & RKB 12' @ 5308.00ft (NDSI 2) Easting	Latitude	Longitude
0.00	0.00	7189337.99	2052434.56	40° 2' 50.090 N	110° 1' 41.370 W

#### REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Pleasant Valley I-8-9-17, True North  
Vertical (TVD) Reference: GL 5296' & RKB 12' @ 5308.00ft (NDSI 2)  
Section (VS) Reference: Slot - (0.00N, 0.00E)  
Measured Depth Reference: GL 5296' & RKB 12' @ 5308.00ft (NDSI 2)  
Calculation Method: Minimum Curvature  
Local North: True North  
Location: Sec 8 T9S R17E

PROJECT DETAILS: Duchesne County, UT NAD83 UTC Survey: Survey #1 (Pleasant Valley I-8-9-17/OH)

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: Utah Central Zone

Created By: Julie Cruse Date: 2007-03-03

# **Newfield Exploration Co.**

Duchesne County, UT NAD83 UTC

Pleasant Valley I-8-9-17

Pleasant Valley I-8-9-17

OH

Design: OH

## **Standard Survey Report**

03 March, 2008

# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** Pleasant Valley I-8-9-17  
**Well:** Pleasant Valley I-8-9-17  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well Pleasant Valley I-8-9-17  
**TVD Reference:** GL 5296' & RKB 12' @ 5308.00ft (NDSI 2)  
**MD Reference:** GL 5296' & RKB 12' @ 5308.00ft (NDSI 2)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.16 Multi-User Db

<b>Project</b>	Duchesne County, UT NAD83 UTC		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Central Zone		

<b>Site</b>	Pleasant Valley I-8-9-17, Sec 8 T9S R17E		
<b>Site Position:</b>		<b>Northing:</b>	7,189,337.99 ft
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,052,434.56 ft
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	in
		<b>Latitude:</b>	40° 2' 50.090 N
		<b>Longitude:</b>	110° 1' 41.370 W
		<b>Grid Convergence:</b>	0.94 °

<b>Well</b>	Pleasant Valley I-8-9-17, 1975' FNL & 2002' FEL		
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b> 7,189,337.99 ft
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b> 2,052,434.56 ft
<b>Position Uncertainty</b>	0.00 ft	<b>Wellhead Elevation:</b>	ft
		<b>Latitude:</b>	40° 2' 50.090 N
		<b>Longitude:</b>	110° 1' 41.370 W
		<b>Ground Level:</b>	5,296.00 ft

<b>Wellbore</b>	OH		
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>
	IGRF2005-10	2007-07-26	(°)
			11.79
			Dip Angle
			(°)
			65.91
			Field Strength
			(nT)
			52,684

<b>Design</b>	OH		
<b>Audit Notes:</b>			
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL
		<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>
	(ft)	(ft)	(ft)
	0.00	0.00	0.00
			<b>Direction</b>
			(°)
			53.59

<b>Survey Program</b>	Date 2008-03-03		
<b>From</b>	<b>To</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>
(ft)	(ft)		
375.00	6,154.00	Survey #1 (OH)	MWD
			<b>Description</b>
			MWD - Standard

<b>Survey</b>									
<b>Measured Depth</b>	<b>Inclination</b>	<b>Azimuth</b>	<b>Vertical Depth</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Vertical Section</b>	<b>Dogleg Rate</b>	<b>Build Rate</b>	<b>Turn Rate</b>
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
375.00	0.37	59.61	375.00	0.61	1.04	1.20	0.10	0.10	0.00
406.00	0.60	78.19	406.00	0.70	1.29	1.45	0.89	0.74	59.94
436.00	0.81	60.10	435.99	0.83	1.63	1.80	1.01	0.70	-60.30
467.00	1.25	53.00	466.99	1.15	2.09	2.36	1.48	1.42	-22.90
498.00	1.95	49.50	497.98	1.69	2.76	3.22	2.28	2.26	-11.29
528.00	2.21	50.09	527.96	2.40	3.59	4.31	0.87	0.87	1.97
559.00	2.63	49.63	558.93	3.24	4.59	5.62	1.36	1.35	-1.48
590.00	2.83	49.93	589.89	4.19	5.72	7.09	0.65	0.65	0.97
620.00	2.93	48.36	619.86	5.18	6.86	8.59	0.42	0.33	-5.23
651.00	3.29	41.98	650.81	6.37	8.04	10.25	1.61	1.16	-20.58
682.00	3.71	46.94	681.75	7.71	9.37	12.12	1.67	1.35	16.00
713.00	3.75	46.89	712.69	9.09	10.85	14.12	0.13	0.13	-0.16

# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** Pleasant Valley I-8-9-17  
**Well:** Pleasant Valley I-8-9-17  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well Pleasant Valley I-8-9-17  
**TVD Reference:** GL 5296' & RKB 12' @ 5308.00ft (NDSI 2)  
**MD Reference:** GL 5296' & RKB 12' @ 5308.00ft (NDSI 2)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.16 Multi-User Db

### Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
743.00	3.74	42.02	742.62	10.49	12.22	16.06	1.06	-0.03	-16.23
774.00	4.16	44.20	773.55	12.05	13.68	18.16	1.44	1.35	7.03
805.00	4.22	47.75	804.47	13.62	15.31	20.40	0.86	0.19	11.45
835.00	4.60	47.12	834.38	15.18	17.00	22.69	1.28	1.27	-2.10
866.00	4.99	49.03	865.27	16.91	18.93	25.27	1.36	1.26	6.16
898.00	4.88	43.70	897.15	18.81	20.92	28.00	1.47	-0.34	-16.66
928.00	5.16	46.39	927.04	20.66	22.78	30.60	1.22	0.93	8.97
960.00	5.60	47.59	958.89	22.70	24.98	33.58	1.42	1.37	3.75
991.00	5.86	48.99	989.74	24.76	27.29	36.66	0.95	0.84	4.52
1,022.00	5.89	46.79	1,020.58	26.89	29.64	39.82	0.73	0.10	-7.10
1,054.00	6.05	49.92	1,052.40	29.10	32.13	43.13	1.13	0.50	9.78
1,085.00	6.42	49.53	1,083.22	31.28	34.70	46.49	1.20	1.19	-1.26
1,116.00	6.61	49.27	1,114.02	33.57	37.37	50.00	0.62	0.61	-0.84
1,148.00	6.53	47.70	1,145.81	35.99	40.11	53.64	0.61	-0.25	-4.91
1,179.00	7.06	50.04	1,176.59	38.40	42.87	57.30	1.93	1.71	7.55
1,210.00	7.53	50.14	1,207.34	40.93	45.89	61.23	1.52	1.52	0.32
1,242.00	7.58	50.68	1,239.06	43.61	49.13	65.43	0.27	0.16	1.69
1,273.00	7.64	49.94	1,269.79	46.23	52.29	69.53	0.37	0.19	-2.39
1,303.00	8.02	51.26	1,299.51	48.82	55.45	73.61	1.40	1.27	4.40
1,335.00	8.41	55.29	1,331.18	51.55	59.12	78.18	2.17	1.22	12.59
1,366.00	8.62	54.01	1,361.84	54.21	62.86	82.77	0.91	0.68	-4.13
1,397.00	8.83	54.45	1,392.48	56.96	66.68	87.47	0.71	0.68	1.42
1,428.00	9.04	55.80	1,423.11	59.71	70.63	92.28	0.96	0.68	4.35
1,457.00	9.46	56.07	1,451.73	62.32	74.49	96.94	1.46	1.45	0.93
1,489.00	9.89	56.86	1,483.27	65.29	78.97	102.31	1.41	1.34	2.47
1,520.00	10.40	56.98	1,513.79	68.27	83.55	107.76	1.65	1.65	0.39
1,551.00	10.42	56.75	1,544.28	71.33	88.24	113.35	0.15	0.06	-0.74
1,583.00	10.48	54.95	1,575.75	74.59	93.04	119.15	1.04	0.19	-5.62
1,613.00	10.75	54.71	1,605.23	77.77	97.56	124.68	0.91	0.90	-0.80
1,644.00	10.95	52.54	1,635.68	81.24	102.25	130.51	1.47	0.65	-7.00
1,676.00	11.39	53.58	1,667.07	84.96	107.21	136.71	1.51	1.37	3.25
1,707.00	11.77	54.50	1,697.44	88.61	112.25	142.93	1.36	1.23	2.97
1,738.00	12.09	53.54	1,727.77	92.38	117.43	149.34	1.21	1.03	-3.10
1,769.00	12.34	53.59	1,758.07	96.27	122.71	155.90	0.81	0.81	0.16
1,800.00	12.59	53.52	1,788.34	100.25	128.09	162.59	0.81	0.81	-0.23
1,832.00	12.73	54.77	1,819.56	104.36	133.77	169.60	0.96	0.44	3.91
1,863.00	13.02	54.14	1,849.78	108.37	139.40	176.51	1.04	0.94	-2.03
1,894.00	13.39	53.63	1,879.96	112.55	145.12	183.59	1.25	1.19	-1.65
1,925.00	13.69	54.25	1,910.10	116.82	150.98	190.85	1.08	0.97	2.00
1,957.00	14.12	54.84	1,941.16	121.28	157.25	198.54	1.41	1.34	1.84
1,988.00	14.53	54.31	1,971.20	125.72	163.50	206.21	1.39	1.32	-1.71
2,019.00	14.86	54.83	2,001.19	130.28	169.90	214.07	1.15	1.06	1.68
2,051.00	15.18	53.88	2,032.09	135.12	176.64	222.36	1.26	1.00	-2.97
2,082.00	15.54	53.51	2,061.99	139.98	183.26	230.57	1.20	1.16	-1.19
2,113.00	15.89	53.85	2,091.83	144.95	190.03	238.97	1.17	1.13	1.10
2,144.00	16.27	54.90	2,121.61	149.95	197.01	247.55	1.54	1.23	3.39
2,176.00	16.54	54.44	2,152.31	155.18	204.38	256.59	0.94	0.84	-1.44
2,208.00	16.93	53.11	2,182.96	160.62	211.81	265.80	1.71	1.22	-4.16
2,238.00	17.60	53.93	2,211.60	165.92	218.97	274.71	2.38	2.23	2.73
2,270.00	17.96	54.38	2,242.08	171.64	226.89	284.48	1.20	1.12	1.41
2,302.00	18.12	56.31	2,272.50	177.27	235.04	294.38	1.93	0.50	6.03
2,333.00	17.98	56.36	2,301.98	182.60	243.04	303.98	0.45	-0.45	0.16
2,427.00	18.15	53.66	2,391.34	199.31	266.91	333.11	0.91	0.18	-2.87
2,521.00	16.06	49.76	2,481.19	216.39	288.63	360.73	2.54	-2.22	-4.15

# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** Pleasant Valley I-8-9-17  
**Well:** Pleasant Valley I-8-9-17  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well Pleasant Valley I-8-9-17  
**TVD Reference:** GL 5296' & RKB 12' @ 5308.00ft (NDSI 2)  
**MD Reference:** GL 5296' & RKB 12' @ 5308.00ft (NDSI 2)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.16 Multi-User Db

### Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
2,613.00	14.86	49.23	2,569.85	232.31	307.28	385.19	1.31	-1.30	-0.58
2,704.00	15.23	52.25	2,657.74	247.25	325.57	408.77	0.95	0.41	3.32
2,797.00	17.04	54.56	2,747.07	262.63	346.33	434.61	2.06	1.95	2.48
2,891.00	19.05	56.26	2,836.44	279.14	370.31	463.71	2.21	2.14	1.81
2,982.00	19.26	56.35	2,922.40	295.70	395.15	493.53	0.23	0.23	0.10
3,074.00	17.90	54.92	3,009.61	312.24	419.36	522.83	1.56	-1.48	-1.55
3,168.00	18.37	53.40	3,098.94	329.37	443.07	552.08	0.71	0.50	-1.62
3,260.00	19.19	51.98	3,186.04	347.33	466.62	581.69	1.02	0.89	-1.54
3,354.00	18.33	51.20	3,275.05	366.11	490.31	611.90	0.95	-0.91	-0.83
3,447.00	18.94	53.62	3,363.17	384.22	513.86	641.61	1.06	0.66	2.60
3,540.00	17.37	51.83	3,451.54	401.76	536.93	670.58	1.79	-1.69	-1.92
3,636.00	15.70	52.99	3,543.57	418.43	558.57	697.89	1.77	-1.74	1.21
3,730.00	13.39	52.53	3,634.55	432.71	577.36	721.49	2.46	-2.46	-0.49
3,822.00	13.23	54.64	3,724.08	445.28	594.40	742.67	0.56	-0.17	2.29
3,916.00	12.29	54.81	3,815.75	457.27	611.35	763.43	1.00	-1.00	0.18
4,010.00	12.46	55.96	3,907.57	468.72	627.93	783.56	0.32	0.18	1.22
4,103.00	13.65	58.52	3,998.17	480.06	645.60	804.52	1.42	1.28	2.75
4,198.00	13.40	60.90	4,090.53	491.27	664.78	826.61	0.64	-0.26	2.51
4,290.00	14.29	60.10	4,179.86	502.12	683.94	848.46	0.99	0.97	-0.87
4,385.00	14.88	57.39	4,271.80	514.53	704.38	872.28	0.95	0.62	-2.85
4,477.00	15.10	53.50	4,360.67	528.03	723.96	896.05	1.12	0.24	-4.23
4,570.00	13.93	51.01	4,450.70	542.28	742.40	919.35	1.43	-1.26	-2.68
4,664.00	14.45	52.86	4,541.83	556.48	760.55	942.38	0.73	0.55	1.97
4,759.00	14.29	53.68	4,633.86	570.58	779.44	965.96	0.27	-0.17	0.86
4,851.00	14.35	53.59	4,723.00	584.07	797.76	988.71	0.07	0.07	-0.10
4,946.00	13.15	51.80	4,815.28	597.74	815.73	1,011.29	1.34	-1.26	-1.88
5,040.00	11.82	51.35	4,907.05	610.37	831.65	1,031.60	1.42	-1.41	-0.48
5,134.00	11.10	51.37	4,999.18	622.03	846.24	1,050.26	0.77	-0.77	0.02
5,227.00	11.74	47.13	5,090.34	634.05	860.17	1,068.61	1.13	0.69	-4.56
5,319.00	11.43	43.17	5,180.47	647.07	873.27	1,086.87	0.93	-0.34	-4.30
5,412.00	10.86	48.47	5,271.71	659.60	886.13	1,104.66	1.26	-0.61	5.70
5,505.00	10.83	47.27	5,363.05	671.34	899.11	1,122.07	0.24	-0.03	-1.29
5,598.00	9.53	51.04	5,454.59	682.11	911.51	1,138.45	1.57	-1.40	4.05
5,689.00	9.04	55.73	5,544.40	690.87	923.28	1,153.12	0.99	-0.54	5.15
5,782.00	8.03	63.61	5,636.37	697.87	935.14	1,166.82	1.66	-1.09	8.47
5,875.00	6.78	60.71	5,728.59	703.45	945.74	1,178.66	1.40	-1.34	-3.12
5,970.00	6.17	63.97	5,822.99	708.43	955.22	1,189.25	0.75	-0.64	3.43
6,065.00	5.86	64.32	5,917.46	712.77	964.18	1,199.03	0.33	-0.33	0.37
6,104.00	5.07	62.95	5,956.28	714.42	967.51	1,202.69	2.05	-2.03	-3.51
6,154.00	5.07	62.95	6,006.09	716.43	971.44	1,207.05	0.00	0.00	0.00

### Targets

#### Target Name

- hit/miss target  
 - Shape

Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
0.00	0.00	5,200.00	665.00	922.00	7,190,018.07	2,053,345.49	40° 2' 56.662 N	110° 1' 29.513 W
PV I-8-9-17 - actual wellpath misses target center by 47.70ft at 5347.32ft MD (5208.24 TVD, 651.08 N, 877.13 E) - Circle (radius 75.00)								

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-10760
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> PLEASANT VLY FED I-8-9-17
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1975 FNL 2002 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 08 Township: 09.0S Range: 17.0E Meridian: S		<b>9. API NUMBER:</b> 43013337550000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/14/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Recompletion"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above well was recompleted on 05/14/2013, then returned to production. The following perforations were added to the existing wellbore: 5358' - 5503'. Daily Activity Report is attached.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> September 11, 2013		
<b>NAME (PLEASE PRINT)</b> Jennifer Peatross	<b>PHONE NUMBER</b> 435 646-4885	<b>TITLE</b> Production Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/13/2013	

## Daily Activity Report

### Format For Sundry

PLSNT VLY I-8-9-17

3/1/2013 To 7/30/2013

**3/22/2013 Day: 1**

**Parted Rods**

Wildcat #2 on 3/22/2013 - MIRU. Shut down due to wind - MIRU. Shut down due to wind. - MIRU. Shut down due to wind. - MIRU. Shut down due to wind.

**Daily Cost:** \$0

**Cumulative Cost:** \$4,736

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**3/25/2013 Day: 2**

**Parted Rods**

Wildcat #2 on 3/25/2013 - Fish rods. Replace 4 7/8" rods. TIH W/rods and pump. PWOP - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA AND SAFTEY MEETING 7:15AM TO 8:30AM TOO (46)RODS BODY PART ON 47TH ROD 8:30AM TO 12:00PM TIH W/ FISHING STRING LATCHED ONTO FISH TOO LD #46,47,48 TOO (183) 7/8" 8-PER GUIDED RODS (4) 1 1/2" WT BARS AND PUMP 12:00PM TO 1:00PM RIH W/ SANDLINE TAGGED FILL @6090' POOH 1:00PM TO 4:00PM RIH W/ (1)WEATHERFORD 2.5"X1.25"X12X15X16 RHAC PUMP (4) 1.5" WT BARS W/ 4'X1" STABILIZERS INBETWEEN (227)7/8" 8-PER GUIDED RODS LOADED HOLE W/ 25 BBLs STROKED PUMP TO 800 PSI SPACED OUT RODS 4:00PM TO 5:30PM HUNG HORSE HEAD PWOP 5:30PM TO 7:00PM CREW TRAVEL. PWOP @ 5:30 PM. Final report. - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA AND SAFTEY MEETING 7:15AM TO 8:30AM TOO (46)RODS BODY PART ON 47TH ROD 8:30AM TO 12:00PM TIH W/ FISHING STRING LATCHED ONTO FISH TOO LD #46,47,48 TOO (183) 7/8" 8-PER GUIDED RODS (4) 1 1/2" WT BARS AND PUMP 12:00PM TO 1:00PM RIH W/ SANDLINE TAGGED FILL @6090' POOH 1:00PM TO 4:00PM RIH W/ (1)WEATHERFORD 2.5"X1.25"X12X15X16 RHAC PUMP (4) 1.5" WT BARS W/ 4'X1" STABILIZERS INBETWEEN (227)7/8" 8-PER GUIDED RODS LOADED HOLE W/ 25 BBLs STROKED PUMP TO 800 PSI SPACED OUT RODS 4:00PM TO 5:30PM HUNG HORSE HEAD PWOP 5:30PM TO 7:00PM CREW TRAVEL. PWOP @ 5:30 PM. Final report. - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA AND SAFTEY MEETING 7:15AM TO 8:30AM TOO (46)RODS BODY PART ON 47TH ROD 8:30AM TO 12:00PM TIH W/ FISHING STRING LATCHED ONTO FISH TOO LD #46,47,48 TOO (183) 7/8" 8-PER GUIDED RODS (4) 1 1/2" WT BARS AND PUMP 12:00PM TO 1:00PM RIH W/ SANDLINE TAGGED FILL @6090' POOH 1:00PM TO 4:00PM RIH W/ (1)WEATHERFORD 2.5"X1.25"X12X15X16 RHAC PUMP (4) 1.5" WT BARS W/ 4'X1" STABILIZERS INBETWEEN (227)7/8" 8-PER GUIDED RODS LOADED HOLE W/ 25 BBLs STROKED PUMP TO 800 PSI SPACED OUT RODS 4:00PM TO 5:30PM HUNG HORSE HEAD PWOP 5:30PM TO 7:00PM CREW TRAVEL. PWOP @ 5:30 PM. Final report.

**Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$16,115

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**5/3/2013 Day: 1**

**Recompletion**

Monument #707 on 5/3/2013 - MIRUSU. Unseat pump. Soft seat & test tbg. TOO w/ rods. Set "H" valve. RU BOP's. Test BOP's RD "H" valve. PU 8 jts & tag @ 6024'. SIFN. - Held safety meeting & discussed JSA's & location hazards. Shut unit down. MIRUSU. Pump 85 bbls hot water down casing. - Unseat pump. Flush rods w/ 35 bbls water. Soft seat pump. Test tbg to 3000 psi w/ 15 bbls. TOO w/ rods , 1-1/2" x 26' polish rod, 4' x 7/8" pony rod, 228- 7/8" guided, 4- 1-1/2" K-Bars. Flush w/ 15 bbls half way out. - PU Weatherford "HD" packer w/ H valve. Set @ 30' in hole. RU B&C Quick test & Dead head test unit. Test BOP's hydraulic voids to 1800 psi & 2200 psi. Test frac valve & Blind rams to 250 low for 5 min. 2400 high for 10

min. Sting into "HD" pkr. Test BOP's pipe rams to 2400 high for 10 min, 250 low for 5 min. Test all valves to 250 low for 5 min. 2400 high for 10 min. - PU TIH w/ 8 jts tbg to tag fill @ 6024'. LD 8 jts tbg. SIFN. - PU TIH w/ 8 jts tbg to tag fill @ 6024'. LD 8 jts tbg. SIFN. - Held safety meeting & discussed JSA's & location hazards. Shut unit down. MIRUSU. Pump 85 bbls hot water down casing. - Unseat pump. Flush rods w/ 35 bbls water. Soft seat pump. Test tbg to 3000 psi w/ 15 bbls. TOO H w/ rods , 1-1/2" x 26' polish rod, 4' x 7/8" pony rod, 228- 7/8" guided, 4- 1-1/2" K-Bars. Flush w/ 15 bbls half way out. - PU Weatherford "HD" packer w/ H valve. Set @ 30' in hole. RU B&C Quick test & Dead head test unit. Test BOP's hydraulic voids to 1800 psi & 2200 psi. Test frac valve & Blind rams to 250 low for 5 min. 2400 high for 10 min. Sting into "HD" pkr. Test BOP's pipe rams to 2400 high for 10 min, 250 low for 5 min. Test all valves to 250 low for 5 min. 2400 high for 10 min. - PU TIH w/ 8 jts tbg to tag fill @ 6024'. LD 8 jts tbg. SIFN. - Held safety meeting & discussed JSA's & location hazards. Shut unit down. MIRUSU. Pump 85 bbls hot water down casing. - Unseat pump. Flush rods w/ 35 bbls water. Soft seat pump. Test tbg to 3000 psi w/ 15 bbls. TOO H w/ rods , 1-1/2" x 26' polish rod, 4' x 7/8" pony rod, 228- 7/8" guided, 4- 1-1/2" K-Bars. Flush w/ 15 bbls half way out. - PU Weatherford "HD" packer w/ H valve. Set @ 30' in hole. RU B&C Quick test & Dead head test unit. Test BOP's hydraulic voids to 1800 psi & 2200 psi. Test frac valve & Blind rams to 250 low for 5 min. 2400 high for 10 min. Sting into "HD" pkr. Test BOP's pipe rams to 2400 high for 10 min, 250 low for 5 min. Test all valves to 250 low for 5 min. 2400 high for 10 min.

**Finalized****Daily Cost:** \$0**Cumulative Cost:** \$24,217

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**5/6/2013 Day: 2****Recompletion**

Monument #707 on 5/6/2013 - Scan tbg. Perferate. RU BOP's. Test. PU frac string. - Held safety meeting & discussed location hazards & testing procedure. Open well w/ 0 psi on casing. - Held safety meeting & discussed location hazards & testing procedure. Open well w/ 0 psi on casing. - Unload tbg (Knight Oil Tools w/ slim collars), 9.3#, P-110, 8EUE. Instal 3-1/2" RAM blocks. Test against 5K frac valve to 250 low, 3000 psi high for 10 min. - RU WCS "TS" RBP, On/Off tool (1.99" ID), 2-3/8" x 4' pup joint, "HD" pkr (1.99" ID). - Tally, drift, TIH w/ rented 3-1/2" tbg. 185 jts in set "TS" RBP @ 5792'. SIFN - RU WCS "TS" RBP, On/Off tool (1.99" ID), 2-3/8" x 4' pup joint, "HD" pkr (1.99" ID). - Unload tbg (Knight Oil Tools w/ slim collars), 9.3#, P-110, 8EUE. Instal 3-1/2" RAM blocks. Test against 5K frac valve to 250 low, 3000 psi high for 10 min. - RU scan tool & TOO H w/ tbg. Found 119 jts yellow (0 to 15%), 62 jts blue (16 to 35%), 5 jts red (36-45%). RD scan trk. Flush rods w/ 20 bbls 1/2 way out. RU Perforators LLC WLT & lubricator. Test lubricator. RIH w/ 16 gram, 120 phs, .34"HE, 3 spf, Disposable perf guns. Perferate 5498-5503', 5445-48', 5358-60' w/ total of 30 shots. RD WLT. - RU scan tool & TOO H w/ tbg. Found 119 jts yellow (0 to 15%), 62 jts blue (16 to 35%), 5 jts red (36-45%). RD scan trk. Flush rods w/ 20 bbls 1/2 way out. RU Perforators LLC WLT & lubricator. Test lubricator. RIH w/ 16 gram, 120 phs, .34"HE, 3 spf, Disposable perf guns. Perferate 5498-5503', 5445-48', 5358-60' w/ total of 30 shots. RD WLT. - Held safety meeting & discussed location hazards & testing procedure. Open well w/ 0 psi on casing. - RU scan tool & TOO H w/ tbg. Found 119 jts yellow (0 to 15%), 62 jts blue (16 to 35%), 5 jts red (36-45%). RD scan trk. Flush rods w/ 20 bbls 1/2 way out. RU Perforators LLC WLT & lubricator. Test lubricator. RIH w/ 16 gram, 120 phs, .34"HE, 3 spf, Disposable perf guns. Perferate 5498-5503', 5445-48', 5358-60' w/ total of 30 shots. RD WLT. - Unload tbg (Knight Oil Tools w/ slim collars), 9.3#, P-110, 8EUE. Instal 3-1/2" RAM blocks. Test against 5K frac valve to 250 low, 3000 psi high for 10 min. - RU WCS "TS" RBP, On/Off tool (1.99" ID), 2-3/8" x 4' pup joint, "HD" pkr (1.99" ID). - Tally, drift, TIH w/ rented 3-1/2" tbg. 185 jts in set "TS" RBP @ 5792'. SIFN - Tally, drift, TIH w/ rented 3-1/2" tbg. 185 jts in set "TS" RBP @ 5792'. SIFN

**Daily Cost:** \$0**Cumulative Cost:** \$121,698

**5/7/2013 Day: 3****Recompletion**

Monument #707 on 5/7/2013 - Continue TIH w/ frac string. Test tools. Set tools for frac. Break down zone. RU Baker Hughes. - RU Baker Hughes frac crew. SIFN w/ 300 bbls EWTR. - Pump 31.5 bbls to fill annulus. Pump 2.5 bpm @ 200 psi. - Release Pkr. Reset @ 5263'. Pump 35.5 bbls to fill tbg. Pump 10 bbls to get 2.5 bpm @ 800 psi. ISIP 500 psi. - Set "TS" RBP @ 5603'. Set "HD" pkr @ 5546'. Test tools to 4300 w/ 56 bbls 7% KCL water. - Continue PU & TIH w/ 3-1/2" work string. - Held safety meeting & discussed location hazards & testing procedure. Open well w/ 0 psi on casing. - RU Baker Hughes frac crew. SIFN w/ 300 bbls EWTR. - Pump 31.5 bbls to fill annulus. Pump 2.5 bpm @ 200 psi. - Release Pkr. Reset @ 5263'. Pump 35.5 bbls to fill tbg. Pump 10 bbls to get 2.5 bpm @ 800 psi. ISIP 500 psi. - Set "TS" RBP @ 5603'. Set "HD" pkr @ 5546'. Test tools to 4300 w/ 56 bbls 7% KCL water. - Continue PU & TIH w/ 3-1/2" work string. - Held safety meeting & discussed location hazards & testing procedure. Open well w/ 0 psi on casing. - RU Baker Hughes frac crew. SIFN w/ 300 bbls EWTR. - Pump 31.5 bbls to fill annulus. Pump 2.5 bpm @ 200 psi. - Release Pkr. Reset @ 5263'. Pump 35.5 bbls to fill tbg. Pump 10 bbls to get 2.5 bpm @ 800 psi. ISIP 500 psi. - Set "TS" RBP @ 5603'. Set "HD" pkr @ 5546'. Test tools to 4300 w/ 56 bbls 7% KCL water. - Continue PU & TIH w/ 3-1/2" work string. - Held safety meeting & discussed location hazards & testing procedure. Open well w/ 0 psi on casing. **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$130,849**5/8/2013 Day: 4****Recompletion**

Monument #707 on 5/8/2013 - Ran temp log. RU Baker Hughes. Trouble w/ water (high iron). Frac well (ball job). Run temp logs (3 One hour apart) - Held safety meeting & discussed JSA's & location hazards. Open well w/ 0 psi on casing. RU Perforators LLC trk & lubricator. Test lubricator. Run in hole w/ temp Survey tool. Took survey from 5263' to 5603'. 135 degrees @ pkr. 144 degrees @ RBP. RD WLT. - RD Baker Hughes. RU WLT. Test lubricator. Open well w/ 1850 psi. Run temp log @ 9:30 PM. Top temp was 110. Btm temp was 129. Tag fill @ 5486'. Btm set of perfs are covered. Log up to 5263'. Leave tool hang @ 5200'. - Held safety meeting & discussed JSA's & location hazards. Open well w/ 0 psi on casing. RU Perforators LLC trk & lubricator. Test lubricator. Run in hole w/ temp Survey tool. Took survey from 5263' to 5603'. 135 degrees @ pkr. 144 degrees @ RBP. RD WLT. - RU Baker. Had trouble testing water. Shows high iron (best tank was 2, worst tanks were 8-10%). Pele Okullo w/ NFX took water samples from water taps. Breaker test shows 22 min. - LODC sds. Frac down 3-1/2", 9.3# tbg. Test lines to 6160 psi. Open well w/ 0 psi on casing. 0 psi on tbg. Held 20 psi on casing during frac (took 102 bbls to fill & 75 bbls to hold pressure during frac ). Took 34 bbls to load tbg. The well showed no Break back in psi. Spear head 6 bbls of 15% HCL (rec'd no drop in pressure when hit perfs). Pumped first cycle of 3. Drop 176 bioballs in 10 ppa sand. Good ball off action @ 20 bpm (lost 1 pump). Pump 2nd cycle. Dropped 176 bioballs in 10 ppa sand. Good ball action @ 20 bpm (lost 2 pumps) had to shut down 3 more time due to ball off. Treated @ Max pressure of 4793 @ max rate of 31 bpm, ave pressure of 4164 @ ave rate of 25 bpm w/ 2396 bbls of Lightning 20 frac fluid in 7% KCL wtr. Treated w/ 286,356# of 20/40 white sand @ 10 ppa. Dropped 352 bio-balls total in 10 ppa slurry. Avg temp of frac was 77 degrees. ISIP was 2296 w/ .86FG. 5 min was 2186. 10 min was 2103. 15 min was 2053. Leave pressure on well. 2396 Bbls EWTR. - Held safety meeting & discussed JSA's & location hazards. Open well w/ 0 psi on casing. RU Perforators LLC trk & lubricator. Test lubricator. Run in hole w/ temp Survey tool. Took survey from 5263' to 5603'. 135 degrees @ pkr. 144 degrees @ RBP. RD WLT. - RU Baker. Had trouble testing water. Shows high iron (best tank was 2, worst tanks were 8-10%). Pele Okullo w/ NFX took water samples from water taps. Breaker test shows 22 min. - LODC sds. Frac down 3-1/2", 9.3# tbg. Test lines to 6160 psi. Open well w/ 0 psi on casing. 0 psi on tbg. Held 20 psi on casing during frac (took 102 bbls to fill & 75 bbls to hold pressure during frac ). Took 34 bbls to load tbg. The well showed no Break back in psi. Spear head 6 bbls of 15% HCL (rec'd no drop in pressure when hit perfs).



Pumped first cycle of 3. Drop 176 bioballs in 10 ppa sand. Good ball off action @ 20 bpm (lost 1 pump). Pump 2nd cycle. Dropped 176 bioballs in 10 ppa sand. Good ball action @ 20 bpm (lost 2 pumps) had to shut down 3 more time due to ball off. Treated @ Max pressure of 4793 @ max rate of 31 bpm, ave pressure of 4164 @ ave rate of 25 bpm w/ 2396 bbls of Lightning 20 frac fluid in 7% KCL wtr. Treated w/ 286,356# of 20/40 white sand @ 10 ppa. Dropped 352 bio-balls total in 10 ppa slurry. Avg temp of frac was 77 degrees. ISIP was 2296 w/ .86FG. 5 min was 2186. 10 min was 2103. 15 min was 2053. Leave pressure on well. 2396 Bbls EWTR. - RD Baker Hughes. RU WLT. Test lubricator. Open well w/ 1850 psi. Run temp log @ 9;30 PM. Top temp was 110. Btm temp was 129. Tag fill @ 5486'. Btm set of perfs are covered. Log up to 5263'. Leave tool hang @ 5200'. - Open well w/ 1750 psi. Run temp log @ 10;30 PM. Top temp was 116. Btm temp was 127. Tag fill @ 5477'. - RU Baker. Had trouble testing water. Shows high iron (best tank was 2, worst tanks were 8-10%). Pele Okullo w/ NFX took water samples from water taps. Breaker test shows 22 min. - LODC sds. Frac down 3-1/2", 9.3# tbg. Test lines to 6160 psi. Open well w/ 0 psi on casing. 0 psi on tbg. Held 20 psi on casing during frac (took 102 bbls to fill & 75 bbls to hold pressure during frac ). Took 34 bbls to load tbg. The well showed no Break back in psi. Spear head 6 bbls of 15% HCL (rec'd no drop in pressure when hit perfs). Pumped first cycle of 3. Drop 176 bioballs in 10 ppa sand. Good ball off action @ 20 bpm (lost 1 pump). Pump 2nd cycle. Dropped 176 bioballs in 10 ppa sand. Good ball action @ 20 bpm (lost 2 pumps) had to shut down 3 more time due to ball off. Treated @ Max pressure of 4793 @ max rate of 31 bpm, ave pressure of 4164 @ ave rate of 25 bpm w/ 2396 bbls of Lightning 20 frac fluid in 7% KCL wtr. Treated w/ 286,356# of 20/40 white sand @ 10 ppa. Dropped 352 bio-balls total in 10 ppa slurry. Avg temp of frac was 77 degrees. ISIP was 2296 w/ .86FG. 5 min was 2186. 10 min was 2103. 15 min was 2053. Leave pressure on well. 2396 Bbls EWTR. - RD Baker Hughes. RU WLT. Test lubricator. Open well w/ 1850 psi. Run temp log @ 9;30 PM. Top temp was 110. Btm temp was 129. Tag fill @ 5486'. Btm set of perfs are covered. Log up to 5263'. Leave tool hang @ 5200'. - Open well w/ 1750 psi. Run temp log @ 10;30 PM. Top temp was 116. Btm temp was 127. Tag fill @ 5477'. - Open well w/ 1700 psi. Run temp log @ 11;30 PM. Top temp was 122. Btm temp was 129. Tag fill @ 5477'. - Open well w/ 1700 psi. Run temp log @ 11;30 PM. Top temp was 122. Btm temp was 129. Tag fill @ 5477'. - Open well w/ 1750 psi. Run temp log @ 10;30 PM. Top temp was 116. Btm temp was 127. Tag fill @ 5477'. - Open well w/ 1700 psi. Run temp log @ 11;30 PM. Top temp was 122. Btm temp was 129. Tag fill @ 5477'.

**Daily Cost:** \$0

**Cumulative Cost:** \$241,890

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**5/9/2013 Day: 5**

**Recompletion**

Monument #707 on 5/9/2013 - Run temp log. Flow well back. Release pkr. C/O sand. Release RBP. LD frac string. - Held safety meeting & discussed location hazards, PPE policies, smoking area, stop work authority & procedures. Move in RU Perforators LLC WLT & lubricator. Test lubricator. Open well w/ 1400 psi @ 9PM. Tag fill @ 5475'. Run temp survey from 5263' to 5475'. Temp @ top 135 degrees. Mid was 133 degrees. RD WLT. Btm set perfs were covered. - Open well on 20 choke @ 3 bpm. Flowed back 600# of sand & 440 bbls of fluid in 4 hours. - Fill casing w/ 85 bbls. Held 200 psi on casing. Release pkr. Circulate tbg clean. - C/O 128' of sand to RBP @ 5603'. Release RBP. - LD 25 jts 3-1/2" tbg. SIFN w/ 2100 bbls EWTR. - LD 25 jts 3-1/2" tbg. SIFN w/ 2100 bbls EWTR. - Held safety meeting & discussed location hazards, PPE policies, smoking area, stop work authority & procedures. Move in RU Perforators LLC WLT & lubricator. Test lubricator. Open well w/ 1400 psi @ 9PM. Tag fill @ 5475'. Run temp survey from 5263' to 5475'. Temp @ top 135 degrees. Mid was 133 degrees. RD WLT. Btm set perfs were covered. - Open well on 20 choke @ 3 bpm. Flowed back 600# of sand & 440 bbls of fluid in 4 hours. - Fill casing w/ 85 bbls. Held 200 psi on casing. Release pkr. Circulate tbg clean. - C/O 128' of sand to RBP @ 5603'. Release RBP. - LD 25 jts 3-1/2" tbg. SIFN w/ 2100 bbls EWTR. - Held safety meeting & discussed location hazards, PPE policies, smoking area, stop work authority & procedures. Move in RU Perforators LLC WLT & lubricator. Test lubricator. Open well w/ 1400 psi @ 9PM. Tag fill @ 5475'. Run temp survey from 5263' to

5475'. Temp @ top 135 degrees. Mid was 133 degrees. RD WLT. Btm set perms were covered. - Open well on 20 choke @ 3 bpm. Flowed back 600# of sand & 440 bbls of fluid in 4 hours. - Fill casing w/ 85 bbls. Held 200 psi on casing. Release pkr. Circulate tbq clean. - C/O 128' of sand to RBP @ 5603'. Release RBP. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$261,928

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**5/10/2013 Day: 6****Recompletion**

Monument #707 on 5/10/2013 - Continue LD frac string. Change out BOP's. Test BOP's. TIH w/ Production tbq. RD BOP's. Set TA. - Change out tbq equipment to 2-7/8" tbq. Test 2-7/8" pipe rams to 2800 psi w/ B&C testers. - Change out tbq equipment to 2-7/8" tbq. Test 2-7/8" pipe rams to 2800 psi w/ B&C testers. - RD BOP's. Set TA @ 5763' w/ 18,000#'s tension. SIFN w/ 2100 bbls EWTR. Change over to rod equipment. - TIH w/ NC, 2 jts tbq, SN, 1 jt tbq, TA new Cntrl Hydrlic w/ 45,000# shear, 183 jts tbq. Run 59 blue jts on top. Changed out 5 red jts. - Wait on Cntrl Hydrlic TA. - Change out tbq equipment to 2-7/8" tbq. Test 2-7/8" pipe rams to 2800 psi w/ B&C testers. - Held safety meeting & discussed JSA's & location hazards. Open well w/ 5 psi on csg. Continue LD 3-1/2" Knight tbq. LD tools. - Held safety meeting & discussed JSA's & location hazards. Open well w/ 5 psi on csg. Continue LD 3-1/2" Knight tbq. LD tools. - RD BOP's. Set TA @ 5763' w/ 18,000#'s tension. SIFN w/ 2100 bbls EWTR. Change over to rod equipment. - - Held safety meeting & discussed JSA's & location hazards. Open well w/ 5 psi on csg. Continue LD 3-1/2" Knight tbq. LD tools. - Wait on Cntrl Hydrlic TA. - TIH w/ NC, 2 jts tbq, SN, 1 jt tbq, TA new Cntrl Hydrlic w/ 45,000# shear, 183 jts tbq. Run 59 blue jts on top. Changed out 5 red jts. - - RD BOP's. Set TA @ 5763' w/ 18,000#'s tension. SIFN w/ 2100 bbls EWTR. Change over to rod equipment. - TIH w/ NC, 2 jts tbq, SN, 1 jt tbq, TA new Cntrl Hydrlic w/ 45,000# shear, 183 jts tbq. Run 59 blue jts on top. Changed out 5 red jts. - Wait on Cntrl Hydrlic TA. - **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$283,230

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**5/13/2013 Day: 7****Recompletion**

Monument #707 on 5/13/2013 - TIH w/ production. Space pump. RDMOSU. Put on production @ 11AM w/ 2100 bbls EWTR. - Held safety meeting & discussed JSA's & location hazards. - POP @ 11AM w/ 101"SL @ 5SPM w/ 2100 bbls EWTR. - Held safety meeting & discussed JSA's & location hazards. - Held safety meeting & discussed JSA's & location hazards. - Pickup & prime pump, central hydraulic 2-1/2" x 1.5" x 13' x 16' new RHAC w/ 132"SL. TIH w/ 4- 1-1/2" K-bars w/ 1" x 4' stabilizers between them, 227- 7/8" 4per rods, 4' x 7/8" pony rod, 1-1/2" x 26' polish rod, 2' x 7/8" pony rod. Space out pump. Test tbq & pump to 800 psi w/ unit. - POP @ 11AM w/ 101"SL @ 5SPM w/ 2100 bbls EWTR. - - - Pickup & prime pump, central hydraulic 2-1/2" x 1.5" x 13' x 16' new RHAC w/ 132"SL. TIH w/ 4- 1-1/2" K-bars w/ 1" x 4' stabilizers between them, 227- 7/8" 4per rods, 4' x 7/8" pony rod, 1-1/2" x 26' polish rod, 2' x 7/8" pony rod. Space out pump. Test tbq & pump to 800 psi w/ unit. - Pickup & prime pump, central hydraulic 2-1/2" x 1.5" x 13' x 16' new RHAC w/ 132"SL. TIH w/ 4- 1-1/2" K-bars w/ 1" x 4' stabilizers between them, 227- 7/8" 4per rods, 4' x 7/8" pony rod, 1-1/2" x 26' polish rod, 2' x 7/8" pony rod. Space out pump. Test tbq & pump to 800 psi w/ unit. - POP @ 11AM w/ 101"SL @ 5SPM w/ 2100 bbls EWTR. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$308,215

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**Pertinent Files:** [Go to File List](#)